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Sec. 1996. d. 332*

Per. 3974 d. 1037

A

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TO THE

PHILOSOPHICAL TRANSACTIONS,

**FROM THE FIRST TO THE END OF
THE SEVENTIETH VOLUME.**

By PAUL HENRY MATY, M.A. F.R.S.
UNDER LIBRARIAN TO THE BRITISH MUSEUM.



L O N D O N :

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OF THE

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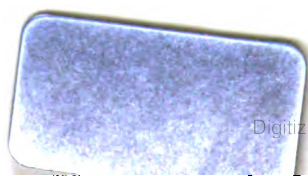
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— Some allowances to be made in astronomical observations for the refraction of the air, with an accurate table of refractions - <i>Halley</i>	XXXI 169	VI 167
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— An account of some experiments made with an air-pump on Mr. Smeaton's principle; together with some experiments with a common air-pump - <i>Nairne</i>	LXVII 614	
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— A chemical experiment of the effect of quicklime upon volatile alkaline - <i>Schlosser</i>	XLIX 222	
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— A farther account of the bones of animals being made red by aliment only - <i>Belchier</i>	— 299	— 103
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— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that alum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and alum, do agree in the saline principles: and, lastly, de-		

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— Further remarks upon M. l'Abbé Barthelemy's Memoir on the Phœnician letters; containing his reflections on certain Phœnician monuments, and the alphabets resulting from them - <i>Swinton</i>	LIV 393	
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— An account of two Roman altars lately found in the North of England, with notes, by Tho. Gale - <i>Thoresby</i>	— 663	— 424
— An attempt to explain two Roman inscriptions, cut upon two altars, which were dug up some time since at Bath - <i>Ward</i>	XLIV 285	
— The inscription upon a Roman altar found near Stanhope, in the bishoprick of Durham - <i>Birch</i>	XLV 173	XI 1272
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— Account of a spirit-level to be fixed to a quadrant for taking a meridional altitude at sea, when the horizon is not visible - <i>Hadley</i>	XXXVIII 167	VIII 357
— A description of a water-level to be fixed to Davis's quadrant for taking the sun's altitude at sea in thick and hazy weather without an horizon - <i>Leigh</i>	XL 413	— 360
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— An essay upon the natural history of whales, with a particular account of the ambergrease found in the spermaceti whales <i>Dudley</i>	XXXIII 256	VII 424
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— An account of that part of America which is nearest to the land of Kamtchatka; extracted from the description of Kamtchatka, by professor Krafhennicoff - <i>Dumaresque</i>	LI 477	
— A dissertation on the bones and teeth of elephants, and other beasts, found in North America, and other Northern regions; by which it appears they are the bones of indigenous beasts - <i>Raspe</i>	LIX 126	
— Observations of eclipses of Jupiter's first satellite at Greenwich, compared with observations of the same made by Samuel Holland in North America, and the longitudes of places thence deduced - <i>Adaskelyne</i>	LXIV 184	
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— On the nature of gorgonia; that it is a real marine animal, and not of a mixed nature, between animal and vegetable <i>Ellis</i>	LXI 1	
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— <i>Malpighi and Fracassati</i>	II 553	II 658
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— <i>Swammerdam</i>	VIII 6040	III 256
— An abstract of a letter concerning the parts of brain of several animals, the chalk-stones of the gout, the leprosy, and the scales of eels <i>Leeuwenhoek</i>	XV 883	— 684
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— An account of balls of hair taken from the uterus and ovaria of several women <i>Young</i>	XXV 2387	
— An account of balls made at Liege <i>Hanbury</i>	XLI 672	IX 501
— Account of vegetable balls which grow in a lake near the Humber in Yorkshire; with remarks by W. Watfon - - - <i>Dixon</i>	XLVII 498	
BALSAM. An observation and experiment concerning a mineral balsam found in a mine in Italy - - - <i>Castagna</i>	VI 3059	II 460
BARBADOES. Extract of a letter containing some observations made at Barbadoes <i>Lifter</i>	X 399	III 560
BARBARY. An account of the Moorish way of dressing their meat (with some remarks) in West Barbary, from Cape Spartel to Cape de Geer - - - <i>Jones</i>	XXI 248	— 626
BARK (MEDICINE). A letter concerning the jesuits bark - - - <i>Oliver</i>	XXIV 1596	IV 2 323
— Microscopical observations on the Cortex Peruvianus - - - <i>Leeuwenhoek</i>	XXV 2446	V 2 267
— An abstract of a book entitled, A short account of mortifications, and of the surprising effect of the bark, in putting a stop to its progress - - - <i>Douglas</i>	XXXVII 429	— 35
— Of the use of the Peruvian bark to a gangrene - - - <i>Shipton</i>	— 434	VII 647
— An account of the Peruvian, or jesuits bark, by Mr. John Gray; extracted from some papers given him by William Arrot, who had gathered it in Peru - - -	XL 81	VIII 776
— Extract of a letter concerning the bark preventing catching cold - - - <i>Salter</i>	XLIV 1	X 762

	Transl.	Abridg.
— A letter concerning the use of the Peruvian bark in the small-pox - <i>Wilmer</i>	XLIV 583	XI 1035
— Of the use of the bark in the small-pox <i>Bayly</i>	XLVII 27	
— Case of the efficacy of bark in a mortification - <i>Grindali</i>	L 379	
— Case of the efficacy of the bark in the delirium of a fever - <i>Munckley</i>	— 609	
— An account of the success of the bark of the willow in the cure of agues - <i>Stone</i>	LIII 195	
— Experiments on the Peruvian bark <i>Lee</i>	LVI 95	
— Experiments on the Peruvian bark <i>Percival</i>	LVII 221	
— Description of the jesuits bark-tree of Jamaica and the Caribbees - <i>Wright</i>	LXVII 504	
BARK OF TREES. Observations concerning the uniting of barks of trees cut, to the tree itself <i>Merrill</i>	II 453	III 706
— A letter concerning the barks of trees <i>Leeuwenhoek</i>	XXIV 1843	V 2 267
— An account of insects in the barks of decaying elms and ashes - <i>Dudley</i>	— 1859	— 13
— Description and use of the cabbage-bark tree of Jamaica - <i>Wright</i>	LXVII 507	
BARNACLES. A relation concerning barnacles <i>Moray</i>	XII 925	II 849
— Some observations on the Scotch barnacle - <i>Robinson</i>	XV 1036	— 850
— An account of several rare species of barnacles - <i>Romilly</i>	L 845	
BAROMETER (Construction of the). A new contrivance of a wheel-barometer much more easy to be prepared, than that which is described in the micrography - <i>Hook</i>	I 218	— 252
— An account of a new kind of baroscope, which may be called statical; and of some advantages and conveniences it hath above the mercurial - <i>Boyle</i>	— 231	— 28
— Observations on several passages in the two last months Transactions relating to baroscopes - <i>Anon.</i>	X 533	
— A description of an invention, whereby the divisions of the barometer may be enlarged in any given proportions - <i>Hook</i>	XVI 241	— 10
— An account of some experiments about the height of the Mercury in the barometer at the top and bottom of the monument; and also about portable barometers - <i>Derham</i>	XX 2	— 10, 12, 14
— A letter about a contrivance to measure the height of the Mercury in the barometer, by a circle on one of the weather-plates, with		

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a register of the weather, &c. for 1697 <i>Derham</i>	XX 45	II 12
— A way of measuring the height of Mercury in the barometer more exactly <i>Gray</i>	— 176	— —
— An account of Dr. R. Hook's invention of the marine barometer, with its description and uses <i>Halley</i>	XXII 791	IV 2 4
— Part of a letter giving an account of a new baroscope invented by <i>Caswell</i>	XXIV 1597	— 2 6
— A proposal for measuring heights of places, by help of the barometer of Mr. Patrick, in which the scale is greatly enlarged <i>Halley</i>	XXXI 116	VI 2 28
— A description of a new barometer <i>Fahrenheit</i>	XXXIII 179	— — —
— A description of a barometer, wherein the scale of variation may be encreased at pleasure <i>Rowning</i>	XXXVIII 39	VIII 445
— The imperfections of the common barometers, and the improvement made in them by Charles Orme, of Ashby-de-la-Zouch, with some observations, remarks and rules for their use <i>Beighton</i>	XL 248	— 455
— A description of a new thermometer and barometer <i>Fitzgerald</i>	LII 146	— — —
— An account of a new improvement of the portable barometer <i>Spry</i>	LV 83	— — —
— An account of some improvements made in a new wheel-barometer, invented by <i>Fitzgerald</i>	LX 74	— — —
BAROMETER (General observations on the). Observations continued upon the barometer, or rather balance of the air <i>Boyle</i>	I 163	II 4
— Observations of the scaled weather-glass, and the barometer, both upon the phenomenon, and in general <i>Wallis</i>	— 166	— 6
— Some observations and directions about the barometer <i>Boyle</i>	— 181	— 5, 8
— Some observations concerning the baroscope and thermocope <i>Wallis and Beale</i>	IV 1113	— 5
— An attempt to render the cause of that odd phenomenon of the quicksilver's remaining suspended far above the usual height in the Torricellian experiment <i>Hugens</i>	VII 5027	— 23
— Concerning the suspension of quicksilver well purged of air, much higher than the ordinary standard of the Torricellian experiment <i>Wallis</i>	— 5160	— 24
— A discourse concerning the rising and falling of the quicksilver in the barometer; and what		

	Transf.	Abridg.
may be gathered from its great rise in frosty weather, as to a healthy or sickly season <i>Lifter</i>	XIV 790	II 18
— Letter concerning the Torricellian experiment, tried on the top of Snowdon Hill, and the success of it — <i>Halley</i>	XIX 582	— 13
— An experiment to shew the cause of the descent of the Mercury in the barometer in a storm — <i>Hauksbee</i>	XXIV 1629	IV 2 181
— Remarks on the second paper in the history of the Royal Academy of Sciences for 1711, concerning the cause of the variation of the barometer; to shew that the way of accounting for it in that paper is insufficient, and that the experiment made use of to prove what is there asserted, does no way prove it <i>Desaguliers</i>	XXX 570	— - 10
— Observation of an extraordinary height of the barometer, Dec. 21, 1721 <i>Graham</i>	XXXI 222	VI - 28
— The middle height of the barometer for a year — <i>Cruquius</i>	XXXIII 4	
— An experiment made in a silver mine at Sala, about the ascent of Mercury in the barometer — <i>Celsius</i>	— 313	— - 48
— Observations of the difference of the heights of barometers. (Lat.) — <i>Hollman</i>	XLII 116	VIII 452
— Letters concerning the cause of the ascent of vapour and exhalation, and those of winds; and of the general phenomena of the weather and barometer — <i>Eeles</i>	XLIX 124	
BAROMETER (Observations on it at different places). Observations on the barometer at Jamaica <i>Berfton</i>	XIX 225	II 9
— Part of a letter accompanying his observations of the height of the Mercury in the barometer, rains, winds, &c. for the year 1698, at Upminster, in Essex — <i>Derham</i>	XXI 45	— 73, 102
— Some observations of the Mercury's altitude, with the changes of the weather at Emay in China — <i>Cunningham</i>	XXI 323	II 86
— A prospect of the weather, winds, and height of the Mercury in the barometer on the first day of the month, and of the whole rain in every month in 1703 and beginning of 1704, at Townley in Lancashire, by R. Townley, and at Upminster by W. Derham.	XXIV 1877	
— Tables of the barometrical altitudes at Zurich in Switzerland, in the year 1708, by Scheuchzer; and at Upminster, in England, by Derham; and also the rain at Pisa, in Italy, in.		

	Transf.	Abridg.
1707 and 1708, by Tilli; and at Zurich in 1708; and at Upminster in that time; with remarks on the same tables; as also on the winds, heats and colds, and divers other matters occurring in those three different parts of Europe - - - <i>Derham</i>	XXVI 342	
— Experiments for discovering the various elasticity of the air, in different parts of Switzerland - - - <i>Scheuchzerus</i>	XXIX 266	IV 2 16
— A meteorological, barometrical, thermometrical epidemical diary kept at Utrecht, 1729, 1730, and 1731 - - - <i>Van Muschenbroek</i>	XXXVII 357, 406	VII 4 71, 86, 90
— On the correspondence of the barometer with the air and weather - - - <i>Holman</i>	XLVI 101	X 428
— An account of the barometer, and the state of the weather at Dublin, from Mar. 7, 1752, to Feb. 28, 1753 - - - <i>Simon</i>	XLVIII 320	
— Observations on the barometer, thermometer, and rain in 1767, at Plymouth - - - <i>Farr</i>	LVIII 136	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1772 - - - <i>Barker</i>	LXIII 221	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1773 - - - <i>Barker</i>	LXIV 202	
— Meteorological journal for 1774 at Bristol <i>Anon.</i>	LXV 194	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1774 - - - <i>Barker</i>	— 199	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1775 - - - <i>Barker</i>	LXVI 370	
— Extract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1776 - - - <i>Barker</i>	LXVII 350	
— An abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1777 - - - <i>Barker</i>	LXVIII 554	
— Abstract of a register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1778 - - - <i>Barker</i>	LXIX 547	
— Register of the barometer, thermometer, and rain, at Lyndon in Rutland, 1779 - - - <i>Barker</i>	LXX 474	
BAROMETER (Applied to the measurement of heights). Observations concerning the height of the barometer, at different elevations above the surface of the earth - - - <i>Nettleton</i>	XXXIII 308	VI 2 44

	Transf.	Abridg.
— M. de Luc's rule for measuring heights by the barometer, reduced to the English measure of length, and adapted to Fahrenheit's thermometer, and other scales of heat, and reduced to a more convenient expression <i>Maskeleyne</i>	LXIV 158	
— M. de Luc's rules for measurement of heights by the barometer, compared with theory, and reduced to English measures of length, and adapted to Fahrenheit's scale of the thermometer; with tables and precepts for expediting the practical application of them <i>Horfley</i>	— 214	
— Observations on the depth of the mines in the Hartz - - <i>De Luc</i>	LXVII 401	
— Observations made in Savoy, in order to ascertain the height of mountains by means of the barometer being an examination of Mr. De Luc's rules, delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Shuckburgh</i>	— 513	
— Experiments and observations made in Britain in order to obtain a rule for measuring heights with the barometer - <i>Roy</i>	— 653	
— Comparison between Sir George Shuckburgh and colonel Roy's rules, for the measurement of heights with the barometer <i>Shuckburgh</i>	LXVIII 681	
— A second paper concerning some barometrical measures in the mines of the Hartz <i>De Luc</i>	LXIX 485	
BARRENNESS. An abstract of a letter giving an instance of the bath curing the palsy and barrenness - - <i>Peirce</i>	XV 944	II 399
BARROWS. An attempt to examine the barrows in Cornwall - - <i>Williams</i>	XLI 465	IX 445
BASALT HILLS. A letter containing a short account of some Basalt Hills in Hestia <i>Raspe</i>	LXI 580	
— An account of two giants causeways, or groups of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian state in Italy, with some remarks on the characters of these and other similar bodies, and of the physical geography of the countries in which they are found - <i>Strange</i>	LXV 5	
BATH. An accurate account of a tessellated pavement bath, and other Roman antiquities, lately discovered at East Bourne, in Suffex <i>Tabor</i>	XXX 549	V 2 63
— See <i>Antiquities, Inscriptions.</i>		
BATHS (Aponensian). An account of the Aponensian baths near Padua - <i>Dodington</i>	VII 4067	II 344

	Transl.	Abridg.
BATHS (Of Bath). Observations concerning the Bath springs <i>Glanville</i>	IV 977	II 336
— An abstract of a letter giving an instance of the bath in curing the palsy and barrenness <i>Pearce</i>	XV 944	— 339
— Some observations on the heat of the waters at Bath <i>Howard</i>	LVII 201	
— Other observations on Bath waters <i>Canton</i>	— 203	
— (Of Carlsbad). Part of a letter concerning the baths at Carlsbad <i>Mounsey</i>	XLVI 217	X 569
— (Of Germany, &c.). Directions and enquiries, with their answers, concerning the mines, minerals, baths, &c. of Hungary, Transylvania, Austria, and other countries neighbouring to those <i>Oldenburgh and Brown</i>	V 1189	III 631
— — — — — <i>Brown</i>	— 1044	II 339 III 605
— (Of Jamaica). Observations of a hot-bath in the island of Jamaica <i>beeston</i>	XIX 225	II 344
— (Of Vinadio). An account of the hot-baths of Vinadio, in the province of Coni, in Piedmont <i>Bruni</i>	LI 839	
BAY TREE. The figure and characters of that elegant American evergreen, called by the gardeners Loblolly Bay, taken from blossoms blown near London <i>Ellis</i>	LX 518	
BAYLES (JOHN). An account of the death and dissection of John Bayles, of Northampton, reputed to have been 130 years old <i>Keil</i>	XXV 2247	V 351
BEANS. An account of four sorts of strange beans frequently cast on shore on the Orkney Islands, with some conjectures about the way of their being brought thither from Jamaica, where three sorts of them grow <i>Sloane</i>	XIX 298	III 540
BEASTS. A dissertation on the bones and teeth of elephants, and other beasts found in America, and other northern regions, by which it appears they are the bones of indigenous beasts <i>Rafpe</i>	LIX 126	
BEATIFICATION. Letter declaring that Dr. Watson, as well as many others, have not been able to make odours pass through glass by means of electricity; and giving a particular account of professor Bon; his experiment of beatification, or causing a glory to appear round a man's head by electricity <i>W. Watson</i>	XLVI 348	X 410
BEAUCASTLE. See <i>Inscription</i> .		

	Transf.	Abridg.
BEAVER. The anatomy of a female beaver, and an account of castor found in her <i>Mortimer</i>	XXXVIII 172	IX 78
BEECH TREE. Account of letters found in the middle of a beech tree - <i>Klein</i>	XLI 231	VIII 845
BEES. Some communications about an early swarm of bees - <i>Reed</i>	VI 2128	
— Some considerations on an apiary, or discipline of bees - <i>Beal</i>	— 2144	
— An account of the hatching of a kind of bee lodged in old willows - <i>Willughby</i>	— 2221	II 174
— A description of a bee-house, useful for preventing the swarming of bees, used in Scotland - <i>Anon.</i>	VIII 6097	
— Account of bees breeding in cases made of leaves - <i>Lifter</i>	XIV 592	
— An account of a strange sort of bees in the West Indies - <i>M. I.</i>	XV 1030	— 775
— Extract of a letter concerning the proboscis of bees - <i>Garden</i>	— 1148	
— Letter concerning the late Swammerdam's treatise <i>De Apibus</i> - <i>Holton</i>	XXI 365	
— An account of a method lately found out in New England, for discovering where the bees hive in the woods, in order to get their honey - <i>Dudley</i>	XXXI 148	VII 403
— Of the bases of the cells wherein the bees deposit their honey - <i>MacLaurin</i>	XLII 565	IX 2
— Letter concerning bees, and their method of gathering wax and honey - <i>Dobbs</i>	XLVI 536	XI 841
— An account of a specimen of the labour of a kind of bees, which lay up their young in cases of leaves, which they bury in rotten wood - <i>Styles</i>	LI 844	
— Discoveries on the sex of bees, explaining the manner in which their species is propagated; with an account of the utility that may be derived from those discoveries by the actual application of them to practice <i>Debraw</i>	LXVI 15	
— A letter on Mr. Debraw's improvements in the culture of bees - <i>Polhill</i>	LXVIII 107	
BEETLE. Curious experiments and observations on a beetle that lived three years without food - <i>Baker</i>	XLI 441	IX 8
— An account of a Capricorn beetle found alive in a cavity, within a sound piece of wood - <i>Mortimer</i>	— 861	— 11

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BELEMNITES. A dissertation on those fossil-figured stones called belemnites <i>Mendez da Costa</i>	XLIV 397	X 628
— A letter containing considerations on two extraordinary belemnites <i>David Erskin Baker</i>	XLV 598	— 639
— A dissertation on the belemnites <i>Brander</i>	XLVIII 803	
— An attempt to account for the origin and formation of the extraneous fossil commonly called the belemnite <i>Platt</i>	LIV 38	
BELL. The art of living under water; or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depth <i>Halley</i>	XXIX 492	IV 2 188
— A letter concerning an improvement of the diving-bell <i>Triewald</i>	XXXIX 377	VIII 634
BELLA DONNA. A brief botanical and medical history of the solanum lethale, bella-donna, or deadly nightshade <i>W. Watson</i>	L 62	
BELLOWS. An experiment of preserving animals alive by blowing through their lungs with bellows <i>Hook</i>	II 539	III 66
— Letter concerning an improvement of the Hessian bellows <i>Papin</i>	XXIV 1990	IV 447
— A calculation of the velocity of the air moved by a new-invented centrifugal bellows of 7 feet in diameter, and 1 foot thick within, which a man can keep in motion with very little labour, at the rate of two revolutions in one second <i>Desaguliers</i>	XXXIX 44	VIII 271
The uses of the foregoing machine	— 47	— 23
— A description of a new invention of bellows called water-bellows <i>Triewald</i>	XL 231	— 272
BELLUGA STONE. Some observations on the Belluga stone <i>Collinson</i>	XLIV 451	XI 266
BELLY. Relation of a child that remained 26 years in the mother's belly <i>Bayle</i>	XII 979	III 127
— An account of a foetus lying without the uterus in the belly <i>Savard</i>	XIX 314	— 214
— The history of a tumor in the lower part of the belly <i>Giles</i>	— 420	
— A case concerning a child born with the bowels hanging out of its belly <i>Amyand</i>	XXXVII 258	VII 516
BELT. See <i>Jupiter</i> and <i>Saturn</i> .		
BENGAL. An account of the heat of the climate at Bengal <i>Martin</i>	LVII 217	
— Two letters of a voyage to Bengal, with observations made there <i>Rose</i>	LX 444	

	Transf.	Abridg.
BERMUDAS. Inquiries for Virginia and the Bermudas - - - <i>Royal Society</i>	II 420	III 631
— An account of the course of the tides at Bermudas; of wells, both salt and sweet, digged near the sea; and of the whale-fishing there practised anew, and of such whales as have the spermaceti in them - - - <i>Norwood</i>	— 565	II 268, 298, 844
— Letter concerning the tides at the Bermudas; as also whales, spermaceti, strange spider's webbs, and the longevity of the inhabitants - - - <i>Stafford</i>	III 792	- 268, 845 III 561
BERNOULLI. A solution of two mathematical problems proposed by John Bernoulli - - - <i>Anon.</i>	XIX 384	I 33, 463
— A solution of the problem proposed in the French Diary by J. Bernoulli - - - <i>Craig</i>	XXIV 1527	IV 35
— Apology against J. Bernoulli's objections <i>Taylor</i>	XXX 955	V 244
BERRIES. An account of a new die from the berries of a weed in South Carolina - - - <i>Lindo</i>	LIII 238	
BEZOAR. A letter concerning the Pietra de Mom-bazza, or the rhinoceros Bezoar - - - <i>Sloane</i>	XLVI 118	XI 910
BIANCHINI. The phenomena of Venus represented in an orrery made by Mr. James Ferguson, agreeable to the observations of Signior Bianchini - - -	XLIV 127	X 95
BILE. Anatomical observations of an abscess in the liver; a great number of stones in the gall-bag and bilious vessels; an unusual conformation of the emulgents and pelvis; a strange conjunction of both kidneys, and a great dilatation of the Vena Cava. - - - <i>Tyson</i>	XII 1035	III 81
— Extract of a letter concerning an experiment made with the bile of persons dead of the plague - - - <i>Deidier</i>	XXXII 105	VII 600
— An essay upon the use of the bile in the animal œconomy, founded on an observation of a wound in the gall-bladder - - - <i>Stuart</i>	XXXVI 341	— 572
— Explanation of an essay on the use of the bile in the animal œconomy - - - <i>Stuart</i>	XXXVIII 5	IX 195
— Of an obstruction of the biliary ducts, and an impostumation of the gall-bladder, discharging upwards of 18 quarts of bilious matter in 25 days, without any apparent defect in the animal functions - - - <i>Amyand</i>	XL 317	VIII 503
— Observations on the case of Mr. Le Grange - - - <i>Stuart</i>	— 325	IX 146
BILLS OF MORTALITY. See <i>Annuity, Mortality, and Population.</i>		

BIQUA-

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BIQUADRATIC. Cubic and biquadratic equations constructed by one single parabola and a circle		
— Universal solution of quadratic and biquadratic equations, viz. analytical, geometrical, and mechanical <i>Halley</i>	XVI 335	
BIRCH. Ways of ordering birch-water <i>Celfon</i>	XXV 2353	IV 66
BIRDS. A way of preserving birds taken out of the egg, and other small foetus's <i>Tonge</i>	V 2070	II 684
— Observations on several passages in the two last months Transactions relating to the history of birds <i>Boyle</i>	I 199	III 650
— Letter to Mr. Ray, concerning some particulars that might be added to the ornithology <i>Ancn.</i>	X 533	
— Anatomical observations made on the heads of fowl at several times <i>Lifter</i>	XV 1159	II 849, 853
— Observations on the birds of the Philippine islands <i>Moulen</i>	XVII 711	— 860
— Part of a letter concerning the migration of birds <i>Camelli</i>	XXIII 1394	V 183
— A letter containing several observations in the natural history of birds, made in travels through Wales <i>Derham</i>	XXVI 123	— 33
— An account of birds of passage <i>Lhwya</i>	XXVII 462	— 34
— Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects <i>Lhwya</i>	— 466	—
— An account of birds of passage <i>Lhwya</i>	— 467	V 2 118
— Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means may be employed for preserving quadrupeds, reptiles, fishes, and insects <i>Catesby</i>	XLIV 435	XI 886
— An account of a bird supposed to have been bred between a turkey and a pheasant <i>Reaumur</i>	XLV 309	— 891
— An account of the different species of the birds called ping-uis <i>Edwards</i>	LI 833	
— An account of the lymphatic system in birds <i>Pennant</i>	LVIII 91	
— Method of preparing birds for preservation <i>Hewson</i>	— 217	
— Four letters on the preservation of dead birds <i>Davies</i>	LX 184	
— A description of a bird from the East Indies <i>Kuckahn</i>	— 302	
— A letter containing a technical description of an uncommon bird from Malacca <i>Edward</i>	LXI 55	
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— An essay on the periodical appearing and disappearing of certain birds, at different times of the year - <i>Barrington</i>	— 265	
— An account of birds sent from Hudson's Bay; with observations relative to their natural history; and Latin descriptions of some of the most uncommon - <i>Forster</i>	— 382	
— Experiments and observations on the singing of birds - <i>Barrington</i>	LXIII 249	
— An account of certain receptacles of air in birds, which communicate with the lungs, and are lodged both among the fleshy parts and in the hollow bones of those animals <i>John Hunter</i> See particular birds in their places.	LXIV 205	
BIRTH. An account of an extraordinary birth in Staffordshire - <i>Birch</i>	XIII 281	III 221
- - - <i>Tyson</i>	— —	— —
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in different times of the Year - <i>Nuxbaum</i>		
- - - <i>Paschall</i>	XVII 815	— 311
— An argument for Divine Providence; taken from the constant regularity observed in the births of both sexes - <i>Arbutnot</i>	XXVII 186	V 2 240
— An account of an extraordinary acephalous birth - <i>Cooper</i>	LXV 311	
— See <i>Child, Monster</i> .		
BITCH. An account of the dissection of a bitch, whose cornua uteri, being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen - <i>Anon.</i>	XIII 183	II 904
— An account of the cutting out the cæcum of a bitch - <i>Musgrave</i>	— 324	III 112
BITE. Relation of a man, bitten with a mad dog, and dying of the disease, called hydrophobia - <i>Lifter</i>	— 162	II 276
— Letter concerning the cure of the bitings of mad creatures, with a remark on the same by Hans Sloane - <i>Dampier</i>	XX 49	III 284, 285
— Letter concerning the bitings of mad dogs, &c. - <i>De La Pryme</i>	XXIII 1073	IV 2 218
— Part of a letter concerning the viper-catchers, and their remedy for the bite of a viper <i>Burton</i>	XXXIX 312	IX 61
— A narration of the experiments made by the viper-catchers June 1734, before the Royal		

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— An account of an human body opened at Dantzick, and 38 stones found in the bladder thereof - <i>Kirkby</i>	VIII 6155	III 149
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— Account of a shuttle-spire taken out of the bladder of a boy - - - <i>Ardern</i>	XLIII 194	XI 1006
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— An account of a suppression of urine cured by a puncture made in the bladder through the anus - - - <i>Robert Hamilton</i>	LXVI 578	
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— Notice of an admirable liquor, instantly stopping the blood of arteries pricked or cut, without any suppuration, or without leaving any scar or cicatrice - <i>Denys</i>	VIII 6039	III 252
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— A conjecture of the quantity of blood in men, together with an estimate of the celerity of its circulation - <i>Moulin</i>	XVI 433	—
— An account of an experiment of the injection of mercury into the blood, and its ill effect on the lungs - <i>Moulin</i>	XVII 486	— 233
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— Answer of the College of Physicians at Rome to the letter of M. Vieussens, on the existence of acid salt in the blood, and its proportion	— 599	— 247
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— An account of divers schemes of arteries and veins dissected from adult human bodies, by J. Evelyn. To which is subjoined a description of the extremities of those vessels, and the manner the blood is seen by the microscope, to pass from the arteries to the veins in quadrupeds when living: with some chirurgical observations and figures after the life		
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— A letter containing observations upon the seminal vessels, muscular fibres, and blood of whales		
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— On the figure and composition of the red particles of the blood, commonly called the Red Globules <i>Hewson</i>	— 398	
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— An account of an easier and safer way of transfusing blood, viz. by the veins only <i>King</i>	— 385	
— An experiment of bleeding a mangy into a sound dog <i>Coxe</i>	II 441	
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— A confirmation of the experiments made by Sign. Fracassati in Italy, by injecting acid liquors into the blood <i>Boyle</i>	— 517	— 230
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— An account out of the Giornale de Letterati, about two considerable experiments of the transfusion of blood —	— 840	— 230
— Of the antiquity of the transfusion of blood from one animal to another <i>Oldenburg</i>	— 731	— 291
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— A narrative of two petrifications in human bo- dies <i>Kirkby</i>	VI 2158	— 150, 158
— A new way of orthographically delineating by parallel visual rays the postures and actions of an human body, exactly observing the symme- try and proportion of the parts <i>Saint-Clare</i>	VIII 6079	I 599
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— Account of a kidney of an unusual shape and texture taken out of the body of a man; with observations on horns and glandules in general <i>Malpighius</i>	XIV 601	— 682
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— An account of what appeared most remarkable in opening the body of Anne Edwards, who died Jan. 1729-30, having a large umbilical rupture — Ranby	XXXVII 221	VII 516
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— A letter concerning the body of a woman found in a morass in the isle of Axholm, in Lincolnshire — Stevin	— 571	— 1326
— Extract of several letters concerning a body found in a vault in the church of Staverton, in Devonshire, entire, after having been buried upwards of 80 years — Huxham and Tripe	XLVII 253	
— An account of a very remarkable case of a boy, who, notwithstanding that a considerable part of his intestines were forced out by the fall of a cart upon him, and afterwards cut off, recovered, and continues well — Needham	XLIX 238	
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— An account of some uncommon fossil bodies	V 2039	
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— An easy method of making a phosphorous, that will imbibe and emit light like the Bolognian stone; with experiments and observations <i>Canton</i>	LVIII 337	
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— Part of two letters concerning a prodigious Os Frontis in the Medicine School at Leyden — <i>Molyneux</i>	XV 880	— 2
— An extract of a letter containing several observations on the texture of the bones of animals compared with that of wood — <i>Leeuwenhoek</i>	XVII 838	II 685
— Osteographia Elephantina; or a full and exact description of all the bones of an elephant, with their several dimensions: to which are premised, an historical account of the natural endowments and several wonderful performances of elephants, with the manner of taking and taming them. An anatomical account of their parts, &c. — <i>Blair</i>	XXVII 53	V 82
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— An account of a præter-natural bony substance found in the cavity of the thorax — <i>Rutty</i>	XXXIV 152	— 505
— An account of a large bony substance found in the womb, 1733 — <i>Hody</i>	XXXIX 189	IX 191
— An account of the bones of animals being changed to a red colour by aliment only — <i>Belchier</i>	— 287	— 102
— A further account of the bones of animals being made red by aliment only — <i>Belchier</i>	— 299	— 105
— A picture of the size of a gigantic bone; with a problem for determining the size of the giant according to the rules of the art of drawing — <i>Klein</i>	XLI 308	XI 311
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour — <i>Du-Moncean</i>	— 390	IX 103
— — — — — <i>Pott</i>	— 616	XI 247
— An account of a large piece of the thigh-bone, which was taken out and its place supplied by a callus — <i>Richardson</i>	— 761	
— An account of an extraordinary case of the bones of a woman growing soft and flexible — <i>Bevan</i>	XLII 488	[X 251
— The case of a young child at Houghton, in Huntingdonshire, born with all its bones displaced — <i>Davis</i>	XLIV 539	XI 1110

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— Case of Anne-Elizabeth Queriot of Paris, whose bones were distorted and softened <i>Haffy</i>	XLVIII 26	
— A remarkable case of fragility, flexibility, and dissolution of the bones - <i>Pringle</i>	— 297	
— Case of William Carey, aged 19, whose tendons and muscles were turned into bones <i>Henry</i>	LI 89	
Further account - <i>Henry</i>	— 92	
— An account of a bone found in the pelvis of a man at Brussels - <i>Brady</i>	— 660	
— A further account of the case of William Carey, whose muscles began to be ossified <i>Henry</i>	LII 143	
— A account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place; and which may also be of service in fractures happening near the head of that bone <i>Le Cat</i>	LVI 370	
BONES (Fossil). Chartham news: or a brief relation of some strange bones lately digged up in some grounds of Mr. John Somner's in Canterbury - <i>Wallis</i>	XXII 882	IV 2 222
Second letter relating to Mr. Somner's treatise of Chartham News - <i>Wallis</i>	— 1022	—
— Account of some large bones lately found in a gravel-pit near Colchester <i>Luffkin</i>	— 924	IV 2 1
— The dimensions of some human bones of an extraordinary size, which were dug up near St. Alban's, in Hertfordshire <i>Cheselden</i>	XXVII 436	V 2 267
— An account of elephants teeth and bones found under ground - <i>Sloane</i>	XXXV 457	VI 2 205
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— An account of several bones of an elephant found at Leydsdown, in the isle of Shepey - <i>Jacob</i>	XLVIII 626	
— Observations on the bones, commonly supposed to be elephants bones, which have been found near the river Ohio in America <i>William Hunter</i>	LVIII 34	
— Account of some bones found in the rock of Gibraltar; with remarks by Dr. Hunter - <i>Boddington</i>	LX 414	
BONES (Incrusted). An account of some human bones incrusted with stone, now in the Villa Ludovisia at Rome - <i>Folkes</i>	XLIII 557	X 598
BONES (Of foetus's). Account of the bones of a foetus		voided

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voided by anum some years after conception <i>Mosley</i>	XIX 486	
— Account of a woman who voided the bones of a fœtus above the os-pubis, and by other extra- ordinary ways <i>Philosophic Society at Oxford</i>	XX 292	III 219
— Bones of a human fœtus voided through an im- porthume in the groin - <i>Skippon</i>	XXIV 2077	V 306
— Bones of a dead fœtus taken out of the uterus of a cow - - <i>Sherman</i>	XXVI 450	— 54
— Case of the bones of a fœtus coming away by the anus - - <i>Winthrop</i>	XLIII 304	XI 1015
- - - <i>Simon</i>	— 524	
— Letter concerning the bones of a fœtus being discharged through an ulcer near the navel - - - <i>Drake</i>	XLV 121	IX 1019
— Case of a woman from whom the bones of a fœtus were extracted - <i>Debenham</i>	XLVII 92	
BOOKS. Copy of a letter concerning the books and antient writings dug out of the ruins of an edi- fice near the site of the old city of Herculane- um to Monsignor Cerati of Pita; with a trans- lation by - <i>Locke</i>	XLIX 112	
BORAMETZ. A short account of the Scythian vege- table Lamb, called borametz <i>Breynius</i>	XXXIII 353	VI 2 317
BOSE. See <i>Electricity</i> .		
BOTANY. Account of the phyfic garden at Amster- dam - - <i>Ellis</i>	XXIII 1416	V 2 II, 134
— A letter attempting to ascertain the tree that yields the common varnish used in China and Japan; to promote its propagation in our American colonies, and to set right some mis- takes which botanists appear to have enter- tained concerning it - <i>Ellis</i>	XLIX 866	
— A brief botanical and medical history of the solanum lethale, bella-donna, or deadly night- shade - - <i>W. Watson</i>	L 62	
— A letter upon the early cultivation of botany in England; and some particulars about John Tradescant, a great promoter of that science, as well as natural history, in the last century, and gardener to king Charles I. <i>Ducarel</i>	LXIII 79	
BOTTLE. An extract of a letter given an account of an experiment made in the Bay of Biscay of sinking a bottle, close corked, under various depths of water - <i>Oliver</i>	XVII 908	I 521
BOVEY COAL. Remarks on the Bovey coal <i>Miller</i>	L1 534	

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— A farther account of some experiments made on the Bovey coal	LI 941	
BOVILLUS. See <i>Cycloid</i> .		
Boulimia. Letter concerning a boulimia <i>Burrough</i>	XXII 598	III 111
— An account of the surprizing quantities of food devoured by a boy 12 years old in six successive days <i>Mortimer</i>	XLIII 366	XI 1066
Another account <i>Cookson</i>	— 380	— 1086
Bow (MARINER'S). An account of Mr. Thomas Godfrey's improvement of Davis's quadrant transferred to the mariner's bow <i>Logan</i>	XXXVIII 441	VIII 366
BOWELS. An observation made of a man anatomised, whose bowels were found inverted <i>Sampson</i>	IX 146	III 111
— A case concerning a child born with the bowels hanging out of its belly <i>Amyand</i>	XXXVII 258	VII 516
— See <i>Monstrous Birth</i> .		
Box. Account of the number of pores on the leaves of box <i>Leeuwenhoek</i>	XXXI 231	VI 2 327
Boy. An account of a negro-boy that is dappelled in several parts of his body with white spots <i>Byrd</i>	XIX 781	II 8
— An account of the Friesland boy with letters in his eye <i>Ellis</i>	XXIII 1416	
— Account of a monstrous boy <i>Cantwell</i>	XLI 137	IX 314
— Some account of the gigantic boy at Willingham, near Cambridge <i>Anon.</i>	XLIII 249	XI 1205
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BRADLEY. An account of the case of the late Rev. Mr. James Bradley <i>Lysons</i>	LII 635	
BRAHE. Letter concerning the remains of the observatory of the famous Tycho Brahe <i>Gourdon</i>	XXII 691	I 216
BRAIN. Some discoveries concerning the brain <i>Malpighi</i>	II 491	III 23
— Microscopical observations concerning blood, milk, bones, the brain, spittle, and cuticula, &c. <i>Leeuwenhoek</i>	IX 121	— 683
— Observations of the cortical and medular part of the brain <i>Leeuwenhoek</i>	XII 899	— 684
— An abstract of a letter concerning the parts of the brain of several animals <i>Leeuwenhoek</i>	XV 883	—
— A relation of a petrified glandula pinealis, lately found in the dissection of a brain <i>King</i>	XVI 228	— 157
— An account of a child born alive without a brain, and the observables in it on dissection <i>Preston</i>	XIX 457	— 24
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— An observation of an infant, where the brain was depressed into the hollow of the vertebrae of the neck <i>Tyson</i>	XXIX 533	III 26
— An observation of one hemisphere of the brain sphacelated, and of a stone found in the substance of the brain itself <i>Tyson</i>	— 535	— 27
— An anatomical account of a child's head, born without a brain, 1698 <i>Buffara</i>	XXI 141	— 26
— Observations of remarkable appearances in the brain of three persons who died of epilepsies <i>Rhetus</i>	XXXV 315	VII 486
— History of a foetus born with a very imperfect brain; to which is subjoined a supplement of the essay on the use of ganglions <i>Jobnston</i>	LXVIII 118	
— See <i>Dura Mater</i> .		
BRAMHAM MOOR. See <i>Antiquities</i> .		
BRAMINES. An account of the religion, rites, notions, customs, manners of the heathen priests, commonly called bramines <i>Marshall</i>	XXII 729	V 2 165
— An account of the Bramins observatory at Benares <i>Barker</i>	LXVII 598	
BRANDY. Dissertation on a false but common method of trying French spirit of wine <i>Neuman</i>	XXXIII 398	VII 739
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BRASS. The method, manner, and order of the transmutation of copper into brass <i>Povey</i>	XVII 735	II 565
— Letters concerning several copper-mines, in answer to some queries of Dr. Lister <i>Davies</i>	— 737	— 563
— A further account <i>Davies</i>	— 741	—
— The method, manner, and order of the transmuting of copper into brass <i>Povey</i>	XXII 474	— 565
— An historico-physical observation on the brass waters of Neofolis, commonly called Cement-Watzer, changing iron to brass <i>Belius</i>	XL 351	VIII 645
— Extract of a letter on giving magnetism and polarity to brass <i>Arderon</i>	L 774	
— See <i>Antiquities</i> .		
BRASS WIRE. Case of a young man who had lost the use of his hands by cleansing brass-wire <i>More</i>	LI 936	
BREAD. An abstract of a letter concerning the making of turnep-bread in Essex <i>Dale</i>	XVII 971	II 667
BREAD FRUIT. Account of the bread-fruit trees, and the fruits of them <i>Thunberg</i>	LXIX 462	
BREASTS (Animal). An account of two young turkeys joined together by their breasts <i>Floyer</i>	XXI 434	— 898

BREASTS

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BREASTS (Human). An account of a very sudden and excessive swelling of a woman's breasts		
— <i>Durston</i>	IV 1047	III 78
— A letter concerning the death of the big-breasted woman, together with what was observed on her body	— 1068	— 79
— Letter giving an account why the big-breasted woman was not opened after her death	— 1077	— 80
— Case of one who swallowed a knife, which lay in his stomach a year and 7 months, and then washed out at an aposthem on his breast	XIX 180	— 91
— Account of a child born with a large wound in the breast, supposed to arise from the force of imagination	— 291	— 222
— The case of Mary Howell, who had a needle run into her arm, which came out at her breast		
— <i>Anon.</i>	XLI 767	IX 238
BREATHING. Letter concerning the cause of the necessity of breathing	XX 178	III 67
BREEDING. Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child		
— <i>Cooke</i>	XLVI 205	XI 1063
BRESLAW. An estimate of the degrees of the mortality of mankind, drawn from curious tables of the births and funerals at the city of Breslaw, with an attempt to ascertain the price of annuities upon lives		
— <i>Halley</i>	XVII 596	III 669
BREWING. See <i>Sap.</i>		
BRIDEKIRK. See <i>Inscription.</i>		
BRIDEWELL AT NORWICH. Extract of a letter concerning the antient bridewell at Norwich		
— <i>Baker</i>	XLIII 520	— 1304
BRIDGE. Letter concerning the bridge of St. Esprit in France	XIV 584	I 293
— A further account, with a parallel history of some other bridges at Rome	— 712	— 593
— Description of a bridge that may be built 70 feet long, without any pillar under it	— 714	— 594
— Problems concerning the fall of water under bridges; applied to the falls under London and Westminster bridges	L 492	
— <i>Robertson</i>		
BRIDGNORTH. An extract of a topographical account of Bridgnorth, in the county of Salop		
— <i>Stakhouse</i>	XLII 127	VIII 347
		BRIGHT.

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BRIGHT. Letter concerning Mr. Bright, the extraordinary fat man at Malden, in Essex <i>Anon.</i>	XLVII 188	
BRIMSTONE. Of the mineral of Liege, yielding both brimstone and vitriol, and the way of extracting them out of it, used at Liege <i>Anon.</i>	I 45	II 530
— A continuation of the discourse concerning vitriol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with, a metal; and then making out, that allum is likewise the result of the said sulphur; as also evincing, that vitriol, sulphur, and allum, do agree in the saline principles; and, lastly, declaring the nature of the salt in brimstone, and whence it is derived <i>Anon.</i>	IX 66	— 544
— Extract of two letters concerning the effects of a cane of black sealing-wax and a cane of brimstone in electrical experiment <i>Miles</i>	XLIV 27	X 317
— Observations made on the brimstone-hill in the island of Guadeloupe <i>Peyssonal</i>	XLIX 564	
BRISTLE. An account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation <i>Ardren</i>	XLIV 192	XI 1114
BRISTOL WATER. Observations on the heat of Bristol waters <i>Canton</i>	LVII 203	
BRITAIN. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain <i>Halley</i>	XVII 495	III 412
— A dissertation on Britain being formerly a peninsula <i>Musgrave</i>	XXX 589	IV 469
BRONCHOTOME. The postscript of a letter giving an account of the operation of bronchotome <i>Græme</i>	XXXVI 448	VII 496
BRONTIÆ. An account of certain transparent pebbles, mostly of the shape of the ombrie, or brontiæ <i>Lifter</i>	XVII 778	II 467
BRONZE. An attempt to explain an antient Greek inscription, engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock in his description of the East, vol. II. part II. pag. 207 <i>Ward</i>	XLVI 488	XI 1278
BROUGHTON. Letter concerning Broughton in Lincolnshire, with observations on the shell-fish observed in the quarries about that place <i>De La Pryme</i>	XXII 677	II 428 III 429
BROWNÆ. A description of a rare American plant of the brownæ kind; with some remarks on this genus <i>Bergius</i>	LXIII 173	
		BRUTES.

	Transf.	Abridg.
BRUTES. Divers instances of peculiarities of nature, both in men and brutes. <i>Fairfax</i>	II 549	III 191, 287
— Observations of luminous emanations from human bodies and from brutes, with some remarks on electricity. <i>Miles</i>	XLIII 441	X 278
BUBONOCELE. Of a Bubonocèle, or rupture in the groin, and the operation made upon it. <i>Amyand</i>	XL 361	IX 161
BUCKS-HORN PLANTAIN. Letter concerning the virtues of the star of the earth, coronopus, or bucks-horn plantain, in the cure of the bite of a mad dog. <i>Steward</i>	— 449	VIII 83
BUENOS AYRES. The longitude of Buenos Ayres determined from an observation made by <i>Pere Fenille</i>	XXXII 2	
BUFFON. A view of the relation between Dr. Halley's tables and the notions of Mr. de Buffon, for establishing a scale for the probable duration of the life of man. <i>Kerffboom</i>	XLVIII 239	
BUILDING. Directions for inquiries concerning stones and other materials for the use of building; together with a suggestion for retrieving the art of hardening and tempering steel for cutting porphyry and other hard marbles <i>Oldenburg</i>	VIII 6010	I 588 III 419
— An account of the advantage of Virginia for building ships. <i>—</i>	— 6015	II 566
— Description of a most effectual method of securing buildings against fire. <i>Lord Mahon</i>	LXVIII 884	
BULBOUS ROOTS. A letter giving an account of tulips, and such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground. <i>Trisswald</i>	KXXVII 79	VI 2 54
— An account of the same experiments tried the next year by <i>Miller</i>	— 81	— 355
— Experiments and observations on bulbous roots, plants, and seeds growing in water. <i>Curtis</i>	XXXVIII 267	VIII 525
BULK. Specific gravity of several metalline cubes, in comparison with their like bulks of water. <i>Hauksbee</i>	XXVII 571	IV 2 182
— An account of an experiment to shew by a new proof, that bodies of the same bulk do not contain equal quantities of matter, and therefore that there is an interspersed vacuum. <i>Desaguliers</i>	XXXI 81	VI 2 157

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BULK. Extract of a letter concerning two men of an extraordinary bulk and weight <i>Knowlton</i>	XLIV 100	XI 1245
BULLET. Account of a bullet voided by urine <i>Fairfax</i>	III 803	III 160
— A brief narrative of the shot of Dr. Robert Fielding with a musket-bullet, and its strange manner of coming out of his head, where it had lain near 30 years; written by himself <i>Fielding</i>	XXVI 317	V 205
— An account of a wound which the late lord Carpenter received at Brihuega, whereby a bullet remained near his gutt for a year wanting a few days <i>Carpenter</i>	XL 316	
BULLOCK. An account of a very extraordinary effect of lightening on a bullock at Swanborow, in the parish of Iford, near Lewes in Suffex <i>Lambert and Green</i>	LXVI 493	
BUOYANCY. A course of experiments to ascertain the specific buoyancy of Cork in different waters: the respective weights and buoyancies of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids <i>Wilkinson</i>	LV 95	
BURDETT. See <i>Serpent</i> .		
BURNING. An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the infectious quality of the grafs of several grounds <i>Floya</i>	XVIII 49	II 181
— An account of a woman accidentally burnt to death at Coventry <i>Wilmer</i>	LXIV 340	
BURNING FOUNTAINS. An extract of an essay entitled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernus <i>Brownrigg</i>	LV 236	
BURNING GLASSES. An account of a not ordinary burning concave lately made at Lyons, and compared with several others made formerly <i>Vilette</i>	I 95	I 211
— An account of the invention of grinding optick and burning glasses of a figure not spherical <i>Smethwick</i>	III 631	— 194
— An account of the making an extraordinary burning glass at Milan <i>Anon.</i>	— 795	— —
— An account from Paris concerning a great L		metalline

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metalline burning concave, and some of the most considerable effects of it <i>Anon.</i>	IV 986	I 242
Two observations made by F. Lana concerning some of the effects of the burning concave made at Lions <i>Lana</i>	VI 3060	III 325
A relation of the great effects of a new sort of burning speculum lately made in Germany <i>Acta Eruditorum and Hook</i>	XVI 352	I 213
Experiments upon metals, made with the burning glass of the duke of Orleans <i>Geoffroy</i>	XXVI 374	IV 190
An account of some experiments tried with Monsi. Vilette's burning concave in June 1718 <i>Harris and Desaguliers</i>	XXX 976	— 198
Part of a letter giving an account of a new mirror, which burns at 66 feet distance; invented by M. de Buffon <i>Needham</i>	XLIV 493	X 194
Concerning the same mirror burning at 150 feet distance <i>Nicolini</i>	— 495	— 195
Extract of a letter concerning M. de Buffon's re-invention of Archimedes's burning specula <i>Buffon</i>	XLV 504	— 195
Observations upon father Kircher's opinion concerning the burning of the fleet of Marcellus by Archimedes <i>Parsons</i>	XLVIII 626	
A short narrative of the structure and effect of parabolic burning glasses made by M. Hoefen of Dresden; and an account of experiments made with them on the fusion of different substances <i>Wolfe</i>	LIX 4	
BURNING MOUNTAIN. An account of the upper part of the burning mountain in the isle of Ternata, according to the view taken thereof <i>Witzen</i>	XIX 42	II 392
A further relation of the horrible burning of some mountains of the Molucco islands <i>Witzen</i>	— 529	— 394
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BURNING ROCK. Extract of a letter from Calcutta concerning a burning rock and a burning well <i>Wood</i>	LII 415	
BURNING SPRING. A letter giving an account of the eruption of a burning spring at Broseley in Shropshire <i>Hopton</i>	XXVII 475	IV 2 195
BURNING WELL. A letter concerning a burning well at Broseley <i>Mason</i>	XLIV 370	X 586
BUTLER. Sequel to the case of Mr. Butler of Moscow, who was strangely affected by mixing verdigrise and false leaf-gold with aquafortis. See <i>Aquafortis</i> <i>Baker</i>	LIV 15	
BUTTER.		

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BUTTER. Account of an extraordinary meteor, or kind of dew resembling butter, that fell in Ireland - - - <i>Vans</i>	XIX 223	
- - - <i>Bishop of Cloyne</i>	- -	
BUTTS. Letter concerning the circulation of the blood in butts - - <i>Leeuwenhoek</i>	XXII 552	III 686
BUXTON WATER. Experiments and observations on the water of Buxton and Matlock in Derbyshire - - - <i>Percival</i>	LXII 455	
C.		
CABBAGES. An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c; also to sweeten stinking water - - <i>Hales</i>	XLIV 339	
CABBAGE-BARK TREE. Description and use of the cabbage-bark tree in Jamaica <i>Wright</i>	LXVII 507	
CACAO-TREE. An accurate description of the cacao-tree, and the way of its curing and husbandry, &c. - - <i>Anon.</i>	VIII 6007	II 662
CACHALOT. Description of the blunt-headed cachalot - - <i>Robertson</i>	LX 321	
CACTUS OPUNTIA. An account of the male and female cochineal insects, that breed on the cactus opuntia, or Indian fig, in South Carolina and Georgia - - <i>Ellis</i>	LII 661	
CAERLEON. See <i>Inscription.</i>		
CÆSAR. A discourse tending to prove at what time and place Julius Cæsar made his first descent upon Britain - - <i>Halley</i>	XVII 495	III 412
CÆSARIAN OPERATION. An account of the Cæsar-ian operation performed by an ignorant butcher - - <i>Copping</i>	XLI 814	IX 239
CAIRO. An account of E. W. Montague's journey from Cairo in Egypt, to the Written Mountain in the Defart of Sinai <i>Montague</i>	LVI 40	
CALAIS. Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais <i>Wallis</i>	XXI 967	IV 2 227
CALAMINARIS. An account of digging and preparing the lapis calaminaris <i>Pooley</i>	XVII 672	II 554
CALCINATION. A retraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol. L 2		XIX.

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XIX. p. 552, concerning Lough Neagh stone, and its non-application to the magnet upon calcination - - - <i>Molyneux</i>	XIV 820	II 323
See <i>Lake</i> .		
CALCULUS. See <i>Stone</i> .		
CALEDONIA. Part of a journal kept from Scotland to New Caledonia in Darien; with a short account of that country - - - <i>Wallace</i>	XXII 536	III 561
CALENDAR. Remarks upon the solar and lunar years, the cycle of 19 years, commonly called the Golden Number, the Epact, and a method of finding the time of Easter, as it is now observed in most parts of Europe - - - <i>Earl of Macclesfield</i>	XLVI 417	X 131
— See <i>Style</i> .		
CALENTURE. A letter concerning a calenture <i>Oliver</i>	XXIV 1562	V 364
CALESH. Part of a letter concerning a new sort of calesh - - - <i>R. B.</i>	XV 1028	I 504
CALF. An account of a very odd monstrous calf - - - <i>Boyle</i>	I 10	II 899
An observation touching some particulars further considerable in the monstrous calf <i>Thomas</i>	— 20	— —
— Account of a monstrous calf with two heads - - - <i>Southwell</i>	XX 79	— —
— Part of a letter concerning a monstrous calf - - - <i>Adams</i>	XXV 2414	V 34
— A description of the head of a monstrous calf - - - <i>Craig</i>	XXVII 429	— 35
— An account of double foetus's of calves <i>Le Cat</i>	XLV 497	XI 1216
— See <i>Foetus</i> .		
CALF (SEA). Some account of the phoca, vitulus marinus, or sea calf, shewn in London in 1743 - - - <i>Parsons</i>	XLII 383	IX 74
CALIFORNIA. An extract of a memoir concerning the discovery of a passage by land to California; with a map and description of that country - - - <i>Picolo</i>	XXVI 232	V 2 191
CALLUS. An account of the cure of two sinuous ulcers possessing the space of the whole arm; with the extraordinary supply of a callus, which fully answers the purposes of the Os Humeri, lost in time of cure - - - <i>Fawler</i>	XXV 2466	— 388
— Observations upon the callus of the hands and feet - - - <i>Leeuwenhoek</i>	XXXII 156	VII 480
— An account of a large piece of the thigh-bone, which was taken out, and its place supplied by a callus - - - <i>Richardson</i>	XLI 761	

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CAMDEN. An account of some observables in Lincolnshire, not taken notice of by Camden, or any other author - <i>Merret</i>	XIX 343	II 267 III 533
CAMELEON. Some observations on aameleon - <i>Goddard</i>	XII 930	II 816
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— An account of a præternatural conjunction of two female children - <i>Parsons</i>	— 526	— 1209
— Part of a letter concerning a child born with the jaundice upon it, received from its father; and of the mother taking the same distemper from her husband the next time of being with child - - <i>Cooke</i>	XLVI 205	— 1063
— An account of a monstrous foetus without any mark of sex - - <i>Rafter</i>	— 469	— 1208
— An account of a double child born at Hebus, near Middleton in Lancashire <i>Percival</i>	XLVII 360	
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— Part of a letter concerning a case in chirurgery, which is commonly mistaken for a fracture of the patella <i>Dever.</i>	XXXI 44	VII 678
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CICUTA. See *Hemlock*.

CINNABAR. Extract of a letter containing several observations on cinnabar and gunpowder

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CINNAMON. A description of the cortex Winteranus, or wild cinnamon tree - *Shane* - 462 II 663

— An account of the cinnamon in the island of Ceilan - *Strachan* XXIII 1094 V 2 179

— An account of the cinnamon-tree in Ceylon, and its several forts; communicated by the chief inspector of the cinnamon trade and manufacture in that island to Albertus Seba *Anon.* XXXVI 97 VI 2 321
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— A discourse on the cinnamon, cassia, or cannella - *White* L 860

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— Some considerations on Mr Huygens's letter, printed in vindication of his *Examen* of the book intitled, *De vera Circuli & Hyperbolæ Quadratura* - *Gregory* — 882

— The quantity of a degree of a great circle in English measures - *Oldenburg* XI 636 I 587

— Cubic and biquadratic equations constructed by a parabola and circle - *Hulley* XVI 335 — 63

— The construction of a quadratrix to the circle, being the curve described by its equable evolution - *Anon.* XXII 445 — 56

— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions, whose denominators are certain multinomials, into more simple ones - *Landen* XLV:II 566

— Of triangles described in circles and about them - *St dman* LXV 296

— Theorems concerning polygons of greatest and least areas and perimeters inscribing and circumscribing the circle - *Horst* — 301

— A new and general method of finding simple and quickly converging series; by which the

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CLARET. A further account of some experiments of injecting claret, &c. into the abdomen, after cupping - <i>Warrick</i>	XLIX 485	
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— An account of curious wasps nests made of clay in Pennsylvania - <i>Bartram</i>	XLIII 363	XI 847
— Remarks on a petrified echinus of a singular kind, found at Bunnan's Land, in the parish of Bovingdon in Hertfordshire, which is a clay, and supposed to have been brought with the chalk dug out of a pit in the field <i>Parsons</i>	XLIX 155	
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— A letter wherein Mr. Williamson asserts his right to the curious and useful invention of making clocks to keep time with the sun's apparent motion - <i>Williamson</i>	XXX 1080	IV 394
— A contrivance to avoid the irregularities in a clock's motion, occasioned by the action of heat and cold upon the rod of the pendulum - <i>Graham</i>	XXXIV 40	VI 297
— An account of some observations made in London by Mr. Graham, and at Black River, in Jamaica,		

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— An account of the influence which two pendulum-clocks were observed to have upon each other <i>Ellicott</i>	XLI 126	VIII 246
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— Letter concerning the inventor of the contrivance in the pendulum of a clock to prevent the irregularities of its motion by heat and cold <i>Short</i>	— 517	
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— Observations for proving the going of Mr. Ellicott's clock at St. Helena <i>Mason</i>	— 534	
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— Remarks on the foregoing account <i>Maskeelyne</i>	LIV 380	
— Astronomical observations made in the Forks of the river Brandivine in Pennsylvania, for determining the going of a clock sent thither by the Royal Society, in order to find the difference of gravity between the Royal Observatory at Greenwich, and the place where the clock was set up in Pennsylvania <i>Mason and Dixon</i>	LVIII 329	
— An account of the going of an astronomical clock <i>Wollaston</i>	LXI 559	
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— A letter concerning a colliery that took fire, and was blown up near Newcastle, killing 69 persons, on August 18, 1708 <i>Charlett</i>	XXVI 215	IV 2 206
— A description of the several strata of earth, stone, coal, &c. found in a coal-pit at the west end of Dudley, Staffordshire. To which is added, a table of the specifick gravity of each stratum <i>Fettiplace and Houtstee</i>	XXVII 541	— - 182
— A curious description of the strata observed in the coal-mines of Mendip in Somersetshire <i>Strachey</i>	XXX 968	— - 260
— An account of the strata in coal-mines <i>Strachey</i>	XXXII 395	VI - 222
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— An account of coal-balls made at Liege <i>Hanbury</i>	— 672	— 501
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— An account of a case of a young man stupified by the smoke of sea-coal	<i>Frewen</i>	LII 454	
— A letter containing a short account of an explosion of air in a coal-pit at Middleton, near Leeds in Yorkshire	<i>Barnard</i>	LXIII 217	
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— Letter enlarging and correcting his former notes upon Kermes; and withal insinuating his conjectures of cochineal's being a sort of Kermes	<i>Lifter</i>	VII 5059	
— Observations on the making of cochineal, according to the relation had from an old Spaniard at Jamaica	<i>Anon.</i>	XVII 502	785
— A letter concerning cochineal	<i>Leewenboeck</i>	XXIV 1614	V 2 266
— The natural history of cochineal	<i>Rutty</i>	XXXVI 264	VII 478
— An account of the male and female cochineal insects, that breed on the cactus opuntia, or Indian fig, in South Carolina and Georgia	<i>Ellis</i>	LII 661	
— An account of the Polish cochineal	<i>Wolfe</i>	LIV 91	
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COECUM. An account of the cutting out of the coecum of a bitch <i>Musgrave</i>	XIII 324	III 112
— A letter in answer to Mr. Oldenburgh, wherein he desired an explanation of a paragraph, touching the use of the intestinum coecum <i>Lyfley</i>	XIV 457	— 425
— Of an inguinal rupture, with a pin in the appendix coeci incrusted with a stone, and some observations on wounds in the guts <i>Amyand</i>	XXXIX 329	IX 153
COFFEE. An account of the coffee-shrub <i>Sloane</i>	XVIII 61	II 659
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— Queries concerning the cause of cohesion of the parts of matter <i>Triewald</i>	XXXVI 39	— 2 5
— A remarkable case of cohesion of all the intestines in a man about 34 years of age <i>Fenty</i>	L 550	
— New experiments and observations concerning electricity <i>Symmer</i>	LI 340	
— Experiments on electricity; with a letter concerning the force of electrical cohesion <i>Mitchell</i>	— 393	
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— Letter concerning pewter money coined in Ireland by the late king James <i>Thoresby</i>	XXIV 1875	V 2 31
— An easy method of procuring the true impression or figure of medals, coins, &c. <i>Baker</i>	XLIII 77	XI 1339
— Explication of an inedited coin with two legends, in different languages, on the reverse. <i>Swinton</i>	LXI 78	
COINS (ETRUSCAN). Explication of a most remarkable monogram on the reverse of a very antient quinarius, never before published or explained <i>Swinton</i>	LXIV 318	
— Observations upon two antient Etruscan coins never before illustrated or explained <i>Swinton</i>	LIV 99	
— Elucidation of an Etruscan coin of Pastum in Lucania, emitted from the mint there about the time of the social war <i>Swinton</i>	LVIII 246	
— Remarks upon two Etruscan weights or coins never before published <i>Swinton</i>	LXI 82	
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— — — Remarks on a Parthian coin with a Greek and Parthian legend - <i>Swinton</i>	L 175	
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— — — Description of two Parthian coins never hitherto published - <i>Swinton</i>	LVI 296	
COIN (PERSIAN). Observations upon five antient Persian coins struck in Palestine, or Phœnicia, before the dissolution of the Persian empire - - - <i>Swinton</i>	LXI 345	
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— — — Description of a Punic coin appertaining to the Isle of Gozo, hitherto attributed to that of Malta by the learned - <i>Swinton</i>	— 261	
— — — Observations on an inedited coin, adorned with two Punic characters on the reverse - - - <i>Swinton</i>	— 265	
— — — Interpretation of two Punic inscriptions on the reverses of two Siculo-Punic coins, published by the prince de Torremuzza, and never hitherto explained <i>Swinton</i>	LXI 91	
COINS (ROMAN). Letter concerning some Roman coins, and other matters lately observed in Lincolnshire - <i>Anon.</i>	XXIII 1156	IV 2 246
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— — — An account of some Roman coins found at Clifton, near Edlington, Yorkshire <i>Thoresby</i>	XXIV 2149	V - 34
— — — Part of a letter concerning some Roman coins found in Yorkshire - <i>Thoresby</i>	XXVI 134	— - 32
— — — A description of some clay-mould, or concaves of antient Roman coins found in Shropshire - - - <i>Baker</i>	XLIV 557	XI 1320
— — — An abstract of a discourse intituled, Reflections on the medals of Pescennius Niger, and some circumstances in the history of his life, written in French by - - - <i>M. Claude Gros de Bofe</i>	XLVI 452	— 1314
— — — An account of an inedited coin of the empress Crispina - - - <i>Swinton</i>	LVI 27	
— — — Remarks upon a Denarius of the Veturian		

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— Letters concerning several copper-mines, in answer to some queries of Dr. Lister <i>Davies</i>	— 737	— 563
— The method, manner, and order of transmuting of copper into brass, &c. <i>Povey</i>	XXII 474	— 565
— An account of an human body found in a copper-mine <i>Level</i>	XXXIII 136	VI 2 204
— Letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVII 500	
— Second letter concerning the copper-springs in the county of Wicklow, in Ireland <i>Henry</i>	XLVIII 94	
— A letter containing experiments on the copper-springs in Wicklow, in Ireland, and observations thereon <i>Bond</i>	— 181	
— An account of the copper-springs lately discovered in Pennsylvania <i>Rutty</i>	XLIX 648	
— Actual fire in detonation, produced by the contact of tinfoil, with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
— A new method of assaying copper-ore <i>Fordyce</i>	LXX 30	
COPPERAS. An account of the way of making English green copperas <i>Cohwall</i>	XII 1058	
CORAL. Some observations, on coral, large oysters, rubies, the growing of a sort of Ficus Indica, the gods of the Ceylanese, &c. made in Ceilan <i>Strachan</i>	XXIII 1248	V 2 181
— A description of some corals, and other curious submarines, lately sent from the Philippine Isles by G. J. Cameli <i>Pativer</i>	— 1419	IV 2 286
— Microscopical observations on the pumice stone, coral, sponges, &c. <i>Leeuwenhoek</i>	XXIV 2158	VI 2 267
— Microscopical observations on red coral <i>Leeuwenhoek</i>	XXVI 126	V —
— New discoveries relating to the history of coral <i>Donati</i>	XLVII 95	
— An account of a MS treatise sent to the Royal Society, intituled, "A treatise upon coral, and several other productions of the sea, in order to illustrate the natural history thereof," by the Sieur de Peyssonel <i>W. Watson</i>	— 445	
— Letter concerning the formation of corals and corallines <i>Parsons</i>	— 505	
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Schlosser</i>	XLIX 449	

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	Transl.	Abridg.
— Extract of a letter giving an account of coral, and that it is a mass of animals of the polype-kind — — — — — <i>Trembley</i>	L 59	
— An account of a red coral from the East Indies of a very singular kind — — — — — <i>Ellis</i>	— 188	
— See <i>Polypus</i> .		
CORALLINE. Observations on a remarkable coralline — — — — — <i>Ellis</i>	XLVIII 115	
— A letter concerning the animal life of those corallines that look like minute trees, and grow upon oysters and fucus's all around the sea-coast of this kingdom — — — — — <i>Ellis</i>	— 627	
— Letter concerning a species of corallines — — — — — <i>Ellis</i>	— 504	
— An account of some fungitæ, and other curious coralloid fossil bodies — — — — — <i>Pennant</i>	XLIX 513	
— Observations on corallines, and the polypus's and other sea animals living on them — — — — — <i>Baister</i>	L 258	
— Remarks on the above observations — — — — — <i>Ellis</i>	— 280	
— An historical memoir concerning a genus of plants, called Lichen by Micheli, Haller, and Linnæus, and comprehended by Dillenius under the terms, usnea, coralloides, and lichnoides; tending principally to illustrate their several uses — — — — — <i>W. Watson</i>	— 652	
— Letter on the animal nature of the genus of zoophytes called corallina — — — — — <i>Ellis</i>	LVII 404	
— An account of the actinia sociata, or clustered animal-flower, lately found on the sea-coasts of the new-ceded islands — — — — — <i>Ellis</i>	— 428	
CORBRIDGE. See <i>Antiquities</i> .		
CORD. Part of a letter concerning the improvement of the weather-cord — — — — — <i>Arderon</i>	XLIV 169	X 453
CORK. A course of experiments to ascertain the specific buoyancy of cork in different waters; the respective weights and buoyancy of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids — — — — — <i>Wilkinson</i>	LV 95	
COR LEONIS. An observation on an occultation of cor leonis by the moon, on Thursday, March 12, 1747, in Surrey Street in the Strand, London, with a reflecting telescope, made by Mr. Short, which magnified about 100 times — — — — — <i>Bevis</i>	XLIV 455	— 110
CORN. Letter concerning the smut of corn; translated from the French by T. S. — — — — — <i>Pluche</i>	XLI 357	VIII 817
— A letter with some microscopical observations on		

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the farina of the red lily, and of worms discovered in smutty corn <i>Nesbom</i>	XLII 634	VIII 817
— An account of the maize, or Indian corn <i>Cooke</i>	XLVI 205	
CORNEA. Observations upon incisions of the cornea <i>Gandolphe</i>	XXVI 387	V 286
— The case of a wound in the cornea of the eye, cured by <i>Thomas Baker</i>	XLI 135	IX 121
— Extract of a letter concerning the particulars of the cure of a wound in the cornea, and of a laceration of the uvea in the eye of a woman <i>Aery</i>	XLV 411	XI 954
— A description of a new method of opening the cornea, in order to extract the crystalline humour <i>Sharp</i>	XLVIII 161	
— A second account of a new method of opening the cornea for taking away the cataract <i>Sharp</i>	— 322	
— See <i>Cataract, Couching, Eye.</i>		
CORNUA UTERI. An account of the dissection of a bitch, whose cornua-uteri being filled with the bones and flesh of a former conception, had, after a second conception, the ova affixed to several parts of the abdomen. <i>Anon.</i>	XIII 183	II 904
CORNEL. An account of the cornet caterpillar <i>Stelton</i>	XLV 281	
CORNISH DIAMONDS. An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds <i>Borlace</i>	XLVI 250	X 642
CORNUA AMMONIS. A letter concerning some vertebrae of ammonites, or cornua ammonis <i>Miles</i>	— 37	— 641
CORNWALL. An account of some mineral observations touching the mines of Cornwall and Devon; wherein is described the art of training a load; the art and manner of digging the ore, and the way of dressing and blowing tin <i>Anon.</i>	VI 2096	II 365
— The improvement of Cornwall by sea sand <i>Anon.</i>	X 293	— 729
— See <i>Antiquities, Barrows.</i>		
CORONA SOLIS MARINA AMERICANA. Observations upon the corona solis marina Americana; the American sea sun-crown <i>Peyssonet</i>	L 843	
CORONOPUS. Letter concerning the use of the star of the earth, coronopus, or buck's-horn plantain in the cure of the bite of a mad dog <i>Steward</i>	XL 449	VIII 83
CORRUPTION. Divers means for preserving from corruption dead birds, intended to be sent to remote countries, so that they may arrive there in good condition. Some of the same means		

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may be employed for preserving quadrupeds, reptiles, fishes, and insects <i>Reaumur</i>	XLV 309	
CORTEX ELEUTHERIÆ. An account of the quantity of resin in the cortex eleutheriæ <i>Brown</i>	XXXII 81	VII 738
CORTEX PERUVIANUS. See <i>Bark</i> .		
CORTEX WINTERANUS. An account of the true cortex winteranus, and the tree that bears it <i>Sloane</i>	XVII 922	II 666
— — See <i>Cinnamon Tree</i> .		
COSTERUS. See <i>Printing</i> .		
COSTIVE. An extraordinary case of a costive person, with a note, by W. Gowper <i>Sherman</i>	XXIV 211	V 273
COTTON. Microscopical observations on the corneous fibres of a muscle, and the cortical and medullar part of the brain; as also of moss and cotton <i>Leeuwenhoek</i>	RH 899	III 684
— An extract of a letter containing microscopical observations on the seeds of cotton <i>Leeuwenhoek</i>	XVII 945	— 685
COUCHING. An account of some observations made by a young gentleman who was born blind, or lost his sight so early, that he had no remembrance that he had ever seen, and was couched between 13 and 14 years of age <i>Cheffelden</i>	XXXV 447	VI 2 251
— See <i>Cataract, Cornea, Eye</i> .		
COUGHS. Historical account of the late general coughs and colds, with some observations on other epidemical distempers <i>Molyneux</i>	XVIII 105	III 271
— Letter concerning a substance coughed up resembling the vessels of the lungs <i>Buffere</i>	XXII 545	— 68
— An account of a polypus coughed up by the wind-pipe <i>Samber</i>	XXXIV 262	VII 503
— A case wherein part of the lungs were coughed up <i>W. Watson</i>	XLI 623	IX 137
— Cases of the remarkable effects of blisters in lessening the quickness of the pulse in coughs, attended with infarction of the lungs and fever <i>Whytt</i>	L 569	
COW. Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sherman</i>	XXVI 450	V 54
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c; also to sweeten stinking water <i>Hales</i>	XLIV 339	
— See <i>Cattle, Distemper</i> .		

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Cow (SEA). Account of the sea cow, and the use made of it <i>Shuldbam</i>	XLV 249	
CRAB. Some observations on the cancer major <i>Collinson</i>	XLIV 70	X 864
— Further observations <i>Collinson</i>	XLVII 40	
— Letter concerning the shells of crabs <i>Parsons</i>	— 439	
CRABS EYES. Letter concerning crabs eyes <i>King</i>	XXII 672	II 831
— A letter concerning an extraordinary fish, called in Russia quab, and concerning the stones called crabs eyes <i>Baker</i>	XLV 174	XI 876
CRAB STONES. An observation of the immoderate and fatal use of crab stones, and such like absorbent earths; and from whence have proceeded stones in the stomach and reins <i>Breynius</i>	XLI 557	IX 171
CRAB TREES. How to multiply crab-stocks, and propagate trees by layers <i>Tonge</i>	V 2074	II 752
CRAMP. An account of an extraordinary cramp <i>Freind</i>	XXII 799	V 208
CRANE. Some observations on the crane, with improvements on that machine <i>Desaguliers</i>	XXXVI 194	
— The description of a new and safe crane which has four different powers, invented by <i>Ferguson</i>	LIV 24	
CREDIBILITY. A calculation upon the credibility of human testimony <i>Anon.</i>	XXI 359	III 662
CRISPINA. See <i>Coin</i> .		
CROCUS AUTUMNALIS SATIVUS. See <i>Saffron</i> .		
CROCODILES. An account of lacerta (crocodilus) ventre marsupio donato, faucibus merganseris rostrum æmulantibus <i>Edwards</i>	XLIX 639	
CROTON SPICATUM. A description and figure of the croton spicatum, a new species of plant from America <i>Bergius</i>	LVIII 132	
CROWNIAN LECTURES. See <i>Muscles</i> .		
CROYLAND. See <i>Shrine</i> .		
CRURAL ARTERY. See <i>Artery</i> .		
CRUST. Of hydatides inclosed with a stony crust in the kidney of a sheep <i>Cowper</i>	XXV 2304	V 54
CRYSTAL. An observation of optick glasses made of rock-crystal <i>Divini</i>	I 362	I 195
— Account of sundry experiments made upon a crystal-like body sent from Island <i>Bartholin</i>	V 2039	
— Reflexions concerning the formation of crystal <i>Lanc</i>	VII 4068	II 465
— Of the origin of white vitriol, and the figure of its crystals, not yet accounted for <i>Lister</i>	XXI 331	— 537
— A letter containing some microscopical observa-		

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tions upon the crystallized particles of silver dissolved in aquafortis - <i>Leeuwenhoek</i>	XXVII 20	V 2 267
— A description of some rare crystals lately discovered - <i>Scheuczer</i>	XXXIV 260	VI 2 226
— An account of perfect minute crystal stones - <i>Parsons</i>	XLIII 468	X 612
— An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds - <i>Borlace</i>	XLVI 250	— 642
— An account of the double refractions in crystals - <i>Beccaria</i>	LII 486	
— An attempt to account for the formation of spars and crystals - <i>King</i>	LVII 58	
— On the crystallizations observed on glass - <i>Keir</i>	LXVI 530	
CRYSTALLINE. Letter concerning the icy and crystalline mountain of Helvetia, called the Gletscher - <i>Muraltus</i>	IV 982	II 465
— A farther description and representation of the icy mountain called the Gletscher, in the canton of Berne, in Helvetia - <i>Jussel</i>	VIII 6191	— —
CRYSTALLINE HUMOURS. An extract of a letter containing microscopical observations on crystalline humours - <i>Leeuwenhoek</i>	XVII 949	III 685
— A description of a new method of opening the cornea, in order to extract the crystalline humour - <i>Sharp</i>	XLVIII 161	
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— Cubic and biquadratic equation constructed by a parabola and circle - <i>Halley</i>	XVI 335	— 63
— The specific gravity of several metalline cubes, in comparison with their like bulks of water - <i>Hautsbee</i>	XXVII 521	
— A method of extending Cardan's rule for resolving one case of a cubick equation $x^3 - qx = r$ to the other case of the same equation, which it is not naturally fitted to solve, and which is therefore called the irreducible case - <i>Maseres</i>	LXVIII 902	
- - - <i>Maseres</i>	LXX 85	
— Of cubic equations and infinite series - <i>Hutton</i>	— 387	
CUCKOW. A description of a new species of cuckow - <i>Sparrman</i>	LXVII p. 1. fol. 38.	

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— A description of the cuculus lavis ceruleo flavescens cui in supremo Branchiarum opercula; or the yellow gurnard. <i>Tyson</i>	XXIV 1749	IV 2 181
CUNTUR. An account of a prodigious large feather of the bird cuntur, brought from Chili, and supposed to be a kind of vultur. <i>Sloane</i>	XVIII 61	II 860
CUP. An attempt to explain an ancient Greek inscription engraven upon a curious bronze cup with two handles, and published with a draught of the cup by Dr. Pocock, in his description of the East, vol. II. part II. page 207. <i>Ward</i>	XLVI 488	XI 1278
CUPPING. A farther account of some experiments of injecting claret, &c. into the abdomen after cupping. <i>Warrick</i>	XLIX 485	
CUPPING-GLASSES. On the application of an air-pump to cupping-glasses. <i>Luffkin</i>	XXI 287	II 265
— Letter concerning the application of the pneumatik engine to cupping-glasses. <i>Luffkin</i>	— 408	—
CURE. An extraordinary cure of a horse that was staked into his stomach. <i>Wallis</i>	XIX 118	
— An abstract of a remarkable case and cure of a woman from whom a foetus was extracted, which had been lodged in one of the fallopian tubes thirteen years. <i>Mounsey</i>	XLV 131	XI 1202
CURIOSITIES. Account of some natural ones from New England. <i>Winthrop</i>	V 1154	II 832-3 III 564
— Extract of two letters from Rome, concerning some statues, pictures, and other curiosities, found in a subterraneous town lately discovered near Naples. <i>Paderni</i>	XLI 484	IX 440
— Extract of another letter on the same subject. <i>Knappin</i>	— 489	— 442
— Extract of another letter on the same subject. <i>Crispa</i>	— 493	— 444
CURRENTS. An extract of a letter containing microscopical observations on currants. <i>Leeuwenhoek</i>	XVII 949	— 685
— Some observations concerning the virtue of the jelly of black currants in curing inflammations in the throat. <i>Baker</i>	XLI 655	VIII 838
CURRENT. An account of the current of the tides about the Orcades. <i>Anon.</i>	VIII 6139	II 290
— A conjecture about an under-current at the Streights mouth. <i>Thomas Smith</i>	XIV 564	— 288
— Of the currents at the Streights mouth. <i>Anon.</i>	XXXIII 191	VI 2 172
— Observations upon the currents of the sea at the Antilles of America. <i>Peyssonel</i>	XLIX 624	
— Mediterranean. <i>Peyssonel</i>	— 634	

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Bizerty in Barbary, 1724	-	<i>Peyssonet</i> XLIX 635	
Marfeilles	-	<i>Peyssonet</i> — 637	
Bonne (called also Hipone) in Barbary	<i>Peyssonet</i>	— 638	
CURVE. Short and easy method of drawing tangents to all geometrical curves, without any labour of calculation	-	<i>Sluſius</i> VII 5143	I 18
— Easy way of demonstrating his method of drawing tangents to all sorts of curves, without any labour of calculation	-	<i>Sluſius</i> VIII 6059	— 21
— Analytic investigation of the curve of quickest descent	-	<i>Sauv.</i> XX 425	— 463
— Some easy methods for the measuring of curve-lined figures, plain and solid	-	<i>Wallis</i> XXII 547	— 58
— The method of squaring any kind of curves, or reducing them to more simple curves	<i>De Moivre</i>	XXIII 1113	IV 15
— Of the tangents of curves deduced immediately from the theory of Maxima and Minima	-	<i>Ditton</i> — 1333	— 7
— The curve assigned by Cassini to the planets as their orbit, considered and rejected	<i>Gregory</i>	XXIV 1704	— 206
— On the length of curve lines	-	<i>Craig</i> XXVI 64	— 43
— A ready description and quadrature of a curve of the third order, resembling that commonly called the foliate	-	<i>De Moivre</i> XXIX 329	— 24
— Treatise on the construction and measure of curves	-	<i>Maclaurin</i> XXX 803	— 51
— A new universal method of describing all curves of every order, by the help only of given angles and right lines	-	<i>Maclaurin</i> — 939	— 57
— The general quadrature of trinomial hyperbolic curves contained in two theorems	<i>Klengerstein</i>	XXXVII 45	VI 82
— A general method of describing curves by the intersection of right lines; moving about points in a given plane	-	<i>Brakenridge</i> XXXIX 25	VIII 58
— A letter concerning the description of curve lines	-	<i>Maclaurin</i> — 143	
— An abstract of what has been printed since the year 1721, as a supplement to a treatise concerning the description of curve lines published in 1719, and of what the author proposes to add to that supplement	-	<i>Maclaurin</i> — 148	
— Of the cardioide curve, so called from its figure	-	<i>Cassiniensis</i> XLI 778	— 108
— A general investigation of the nature of the curve, formed by the shadow of a prolate spheroid, upon a plane standing at right angles to the axis of the shadow	-	<i>Wichell</i> LVH 28	

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— A specimen of a new method of comparing curvilineal areas; by which many such areas may be compared, as have not yet appeared to be comparable by any other method <i>Landen</i>	LVIII 174	
— Some new theorems for computing the areas of certain curved lines <i>Landen</i>	LX 441	
— Directions for making the best composition for the metals of reflecting telescopes; together with a description of the process for grinding, polishing, and giving the great speculum the true parabolic curve <i>Mudge</i>	LXVII 296	
CUSANUS. See <i>Cycloid</i> .		
CUSTOMS. Extracts of some letters on the customs, manners and language of the northern Indians of America <i>Johnson</i>	LXIII 142	
CUTICULA. Microscopical observations concerning the cuticula <i>Leeuwenhoek</i>	IX 121	III 683
— Microscopical observations about the cuticula <i>Leeuwenhoek</i>	XIV 568	— 684
CUTICULAR GLOVE. See <i>Skin</i> .		
CUTTING, MARGARET. See <i>Speech, Tongue</i> .		
CYANUS. Account of the <i>Cyanus foliis radicalibus</i> partim integris, partim pinnatis, bractea calycis ovali, flore sulphureo <i>Haller</i>	XLIII 94	X 702
CYCLE. A method for finding the number of the Julian period for any year assigned; the number of the cycle of the sun; the cycle of the moon, and of the indictions for the same year being given; together with a demonstration of that method <i>Collins</i>	II 568	III 399
CYCLOID. A demonstration of the synchronism of the vibrations made in a cycloid <i>Anon.</i>	VIII 6032	I 462
— Letter asserting the first invention and demonstration of the equality of the curve line of a paraboloid to a strait line to Mr. Wm. Neile; and next the finding a strait line equal to that of a cycloid, and of the parts thereof to Sir Christopher Wren <i>Wallis</i>	— 6146	— 116
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Another <i>Wren</i>	— 6150	— —
— Letter concerning the spaces in the cycloid, which are perfectly quadrable <i>Wallis</i>	XVIII 111	— —
— Letter concerning the cycloid known to cardinal Cusanus about the year 1450, and to Carolus Bovillus about 1500 <i>Wallis</i>	XIX 561	— —
CYDER. Of an excellent liquor made with cyder-apples and mulberries <i>Coleprefs</i>	II 502	— Some

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— Some communications concerning cyder <i>Reed</i>	VI 2128	II 656
— Some considerations of what choice of apples for the delicacy of the liquor in peculiar seasons; and for easy and speedy propagation; pears for some lands proper; their choice for manifold uses, especially for pleasant, or for lasting liquor; and how to be planted or ordered to the best advantage - <i>Beal</i>	— 2144	— 653
— An account of some improvements which may be made in cyder and perry - <i>Miles</i>	XLIII 516	
CYGNUS. A figure of the stars in the constellation of Cygnus; together with the new star in it, discovered some years since, and very lately seen by M. Hevelius again - <i>Hevelius</i>	I 372	I 453
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CYLINDERS. The best proportions for steam-engine cylinders of a given content considered <i>Blake</i>	XLVII 197	
CYLINDROID. The generation of an hyperbolical cylindroid demonstrated, and the application thereof for grinding hyperbolical glasses, hinted at - <i>Wren</i>	IV 961	— 188
CYPRUS. A letter concerning the Cyprus of the ancients - <i>Garcin</i>	XLV 564	X 741
CYSTIS. Case of a large quantity of matter or water contained in cystis's or bags adhering to the peritonæum, and not communicating with the cavity of the abdomen - <i>Graham</i>	XLI 708	IX 187
— An account of an extraordinary cystis in the liver, full of water - <i>Jernegan</i>	XLIII 305	XI 971

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DALMATIA. Observations on travels from Venice, through Istria, Dalmatia, Greece, and the Archipelago to Smyrna - <i>Vernon</i>	XI 573	
DAMPIER'S POWDER. The effects of Dampier's powder in curing the bite of a mad dog <i>Fuller</i>	XL 272	IX 224
— Another case drawn up by <i>Hartley and Sandys</i>	— 274	— 224
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— Letter concerning the damps in the mines of Hungary, and their effects <i>Browne</i>	IV 965	— —
— Extract of a letter containing some observations about damps - <i>Lisler</i>	X 391	— 875

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— A letter containing a farther account of damps in mines - <i>Jeffop</i>	X 450	II 376
— Observations on a subterranean fire in a coal mine near Newcastle - <i>Hodgson</i>	XI 762	— 383
— A relation of some strange phenomena, accompanied with mischievous effects in a coal-work in Flintshire - <i>Moslyn</i>	XII 895	— 378
— An account of the burning of several hay-ricks by a fiery exhalation or damp: and of the infectious quality of the grass of several grounds - <i>Floyd</i>	XVIII 49	— 181
— Farther account of the fiery exhalation in Merionethshire - <i>Lhwyd</i>	— 223	— 180
— An attempt made to shew how damps or foul air may be drawn out of any sort of mines, &c. by an engine - <i>Desaguliers</i>	XXXV 353	VI 2 193
— A brief account of some of the effects and properties of damps, from observations of the effects of opening an old well at Boston in New England, July 19, 1729 <i>Greenwood</i>	XXXVI 184	— - 195
— An account of the damp air in a coal-pit of Sir James Lowther, Bart. sunk within 20 yards of the sea - <i>Lowther</i>	XXXVIII 109	VIII 656
— An experiment to shew that some damps in mines may be occasioned only by the burning of candles under ground, without the addition of any noxious vapour, even when the bottom of the pit has a communication with the outward air, unless the outward air be forcibly driven in at the said communication or pipe - <i>Desaguliers</i>	XXXIX 281	
— An observation of an extraordinary damp in a well in the Isle of Wight - <i>Cooke</i>	XL 379	— 658
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DANTZICK. A relation of an inland sea near Dantzick, yeilding at a certain season of the year a green substance, which causeth certain death - <i>Kirkby</i>	VII 4069	II 491
DARIEN. Part of a journal kept from Scotland to New Caledonia in Darien, with a short account of that country - <i>Wallace</i>	XXII 536	III 561
DARKNESS. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 <i>Stirling</i>	LIII 63	
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ral figures, which shews the great antiquity of those figures in England - <i>Wallis</i>	XIII 399	I 107
— Extract of a letter concerning an antient date found at Widge Hall in Hertfordshire <i>Cope</i>	XXXIX 119	IX 420
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— Remarks upon an antient date, over a gateway, near the cathedral at Worcester <i>Ward</i>	— 136	
— An account of an antient date in Arabian figures, upon the north front of the parish church of Rumsey in Hampshire <i>Barlow</i>	XLI 652	— 432
— A brief inquiry into the reading of two dates in Arabian figures cut upon stones, which were found in Ireland - <i>Ward</i>	XLIII 283	XI 1260
— A description of an antient date in Arabian figures at Walling, near Aldermanston, Berkshire - <i>Ward</i>	XLV 603	— 1267
DATE-STONES. An extract of a letter containing microscopical observations on date stones - <i>Leeuwenhoek</i>	XLII 949	III 685
DAVENPORT (ANN). The case of Ann Davenport - <i>Fynney</i>	LXVII 458	
DAVIS'S QUADRANT. A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea in thick and hazy weather without seeing the horizon - <i>Leigh</i>	XL 413	VIII 360
DAVIS'S STREIGHTS. Track of his majesty's armed brig Lion, from England to Davis's Straights and Labrador; with observations for determining the longitude by sun and moon, and error of common reckoning: also the variation of the compass and dip of the needle, as observed during the said voyage in 1776 - <i>Pickersgill</i>	LXVIII 1057	
DAY. Letter proposing a new place for the first meridian, and pretending to evince the equality of all natural days; as also to shew a way of knowing the true place of the moon <i>Anon.</i>	X 425	I 270
Answered by - <i>Flamstead</i>	— 429	— —
— A letter concerning a very cold day, and another a very hot day, in June and July 1749 - <i>Miles</i>	XLVI 208	X 471
DEAD BODIES. A letter concerning the body of a woman found in a morass in the Isle of Axholm in Lincolnshire - <i>Stevin</i>	XLIV 571	XI 1326

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— An account of the dead bodies of a man and woman who were preserved 49 years in the Moors in Derbyshire — <i>Balguy</i>	XXXVIII 413	VIII 706
— Extract of several letters concerning a body found in a vault in the church of Staver-ton in Devonshire, intire, after being buried upwards of 80 years — <i>Huxham and Tripe</i>	XLVII 253	
— Some account of a body lately found in uncommon preservation under the ruins of the abbey at St. Edmundsbury, Suffolk; with some reflections upon the subject — <i>Collignon</i>	LXII 465	
DEAD SEA. Experiments by way of analysis upon the water of the dead sea, upon the hot springs near Tiberiades, and upon Hammon Pharoan water — — <i>Perry</i>	XLII 48	— 645
DEAFNESS. An account of an experiment concern- ing deafness — — <i>Holder</i>	III 665	III 42
— Method of instructing persons deaf and dumb — — <i>Wallis</i>	XX 353	— 393
— An account of a young lady born deaf and dumb taught to speak — — <i>Ellis</i>	XXIII 1416	V 2 134
— An account of two deaf persons who can speak and understand one another by the motion of the lips — — <i>Waller</i>	XXV 2468	— - 219
— A relation of a deaf and dumb person who re- covered his hearing and speech after a violent fever: with some other medical and chirurgical observations — — <i>Martin</i>	— 2469	— 357
— A method proposed to restore the hearing, when injured from an obstruction of the tuba eusta- chiana — — <i>Wathen</i>	XLIV 213	
— Upon the sound and hearing of fishes by Jac. Theod. Klein; or some account of a treatise intituled, An enquiry into the reasons why the author of an epistle concerning the hearing of fishes, endeavours to prove they are all mute and deaf — — <i>Brocklesby</i>	XLV 233	XI 883
— See <i>Speech</i> .		
DEAL ROD. The description of an hygrometer made of a deal rod — — <i>Arderon</i>	XLIV 184	X 757
DEAN. An account of the iron works in the forest of Dean — — <i>Powle</i>	XII 93r	II 558
DEATHS. Some observations on the motion of dis- eases, and on the births and deaths of men, and other animals, in different times of the — — <i>Nuxbamusgon</i> — — <i>Paschall</i>	XVII 815	III 311
— An account of the opening of the body of a		boy

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boy who died suddenly, and what observable was found therein - <i>Preslon</i>	XIX 362	III 32
— Observations on the death of a dog, on firing a volley of small shot - <i>Clarke</i>	— 779	— 650
— Observations on a case published in the last volume of the Medical Essays, &c. of recovering a man dead in appearance, by distending the lungs with air - <i>Fothergill</i>	XLIII 275	XI 969
— An extract of an Italian treatise written by Jos. Bianchini, upon the death of the countess Cornelia Zangari and Bandi of Cesena. To which are subjoined, an account of the death of Io Hitchell, who was burned to death by lightning; and of Grace Pett at Ipswich, whose body was consumed to a coal <i>Rolli</i>	— 447	— 1068
— On the digestion of the stomach after death - - <i>John Hunter</i>	LXII 447	
— See <i>Dissection</i> .		
DEATH WATCH. An account of the death-watch - - <i>Allen</i>	XX 376	II 785
— Letter concerning the insect which is commonly called the death-watch <i>Derham</i>	XXII 832	V 27
— A supplement to the account of the pediculus pulsatorius, or death-watch; serving to the more perfect natural history of that insect - - <i>Derham</i>	XXIV 1586	— 8
— An account of the scarabæus galeatus pulsator, or the death-watch <i>Stackhouse</i>	XXXIII 159	VII 407
DECIMAL. See <i>Fractions</i> .		
DECLINATION. Some remarks upon the method of observing the differences of right ascension and declination by cross hairs in a telescope <i>Hulley</i>	XXXI 113	VI 165
— Description of a method of measuring differences of right ascension and declination with Dollond's micrometer; together with other new applications of the same <i>Maskeelyne</i>	LXI 536	
DEER. A discourse concerning the large horns frequently found under ground in Ireland; concluding from them, that the great American deer, called a moose, was formerly common in that island - <i>Molyneux</i>	XIX 489	II 432
— Method of catching fowl and deer in the island of Ceilan - <i>Strachan</i>	XXIII 1094	V 2 179
— A description of the moose deer of New England - <i>Dudley</i>	XXXI 65	
- - - <i>Dale</i>	XXXIX 384	IX 84
— Ac-		

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— Account of the horn of a large deer found in the heart of an oak - <i>Clark</i>	XLI 235	VIII 847
— An account of two extraordinary deers horns, found under ground in different parts of Yorkshire - <i>Knowlton</i>	XLIV 124	X 601
DEGREE. Letter concerning a place in New York for measuring a degree of latitude <i>Alexander</i>	XLI 383	
— Proposal of a method for measuring degrees of longitude upon parallels of the æquator <i>Mitchell</i>	LVI 119	
— Letter containing a short account of the measurement of three degrees of latitude under the meridian of Vienna - <i>Liesganig</i>	LVIII 15	
— Introduction to the following observations made by Ch. Mason and Jer. Dixon, for determining the length of a degree of latitude in the provinces of Maryland and Pennsylvania, in North America - <i>Maskeelyne</i>	— 270	
Observations, &c. <i>Mason and Dixon</i>	— 274	
Length of a degree of latitude in the provinces of Maryland and Pennsylvania, deduced from the observations of Mess. Mason and Dixon - <i>Maskeelyne</i>	— 323	
— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude; as also to the assigning the moon's correspondent apparent diameter: together with a concise application of this form of calculation to those eclipses - <i>Pemberton</i>	LXI 437	
DELGOVICIA. Extract of a letter concerning the situation of the antient town Delgovitia - <i>Knowlton</i>	XLIV 100	XI 1245
— A dissertation on the situation of the antient Roman station of Delgovitia in Yorkshire - <i>Burton</i>	— 541	— 1246
DELIRIUM. Account of one who had no ear to music naturally, singing several tunes when in a delirium - <i>Doddridge</i>	— 596	X 1084
— Case of the efficacy of bark in the delirium of a fever - <i>Munckley</i>	L 609	
DELUGE. Some considerations about the cause of the universal deluge - <i>Halley</i>	XXXIII 118	VI 2 1
Some further thoughts on the same <i>Halley</i>	— 123	— 4
— An extract of a philosophical account of a new opinion concerning the origin of petrefactions found in the earth, which has hitherto been		

ascribed

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ascribed to the universal deluge, by Lazzaro Moro Antonio - <i>Ehrhart</i>	XLIV 163	X 615
— An attempt to account for the universal deluge - <i>King</i>	LVII 44	
DENARIUS. See <i>Coin</i> .		
DENMARK. Remarks in a late journey into Denmark and Holland - <i>Oliver</i>	XXIII 1400	V 2 128
DENSITY. An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point observed by a thermometer - <i>Hauksbee</i>	XXVI 267	VI 2 181
— An enquiry concerning the figure of such planets as revolve about an axis, supposing the density continually to vary from the center to the surface - <i>Clairaut</i>	XL 277	VIII 90
— An essay on the connection between the parallaxes of the sun and moon; their densities, and their disturbing motions on the ocean - <i>Murdoch</i>	LVIII 24	
— An account of the calculations made from the survey and measures taken at Schehallien, in order to ascertain the mean density of the earth - <i>Hutton</i>	LXVIII 689	
— See <i>Air</i> .		
DENTARIA HEPTAPHYLOS. An account of aphyllon and dentaria heptaphylos of Clusius, omitted by Mr. Ray - <i>W. Watson</i>	XLVII 428	
DESCARTES. See <i>Equations</i> .		
DETONATION. Actual fire and detonation produced by the contact of tin-foil with the salt composed of copper and the nitrous acid <i>Higgins</i>	LXIII 137	
DETROIT. An account of a remarkable darkness at Detroit in America, Oct. 19, 1762 <i>Stirling</i>	LIII 63	
DEVIZES. See <i>Antiquities</i> .		
DEVON. An account of some mineral observations touching the mines of Cornwall and Devon; whereby is described the art of training a lead, the art and manner of digging the ore, and the way of dressing and blowing the tin <i>Anon.</i>	VI 2096	II 565
DEW. Account of an extraordinary meteor, or kind of dew like butter, that fell in Ireland <i>Van Bp. of Cloyne</i>	XIX 224	
— A relation of observations concerning the falling dew, made at Medioburg in Zeland by Leonard Stocke, upon an open lead plain of the astronomical turret of John Munk, in the	— —	

night

	Transf.	Abridg.
night between the 25th and 26th of July 1741; with figures of the flocks of snow observed at the same place, Jan. 1742 (Lat.) <i>Stocket</i>	XLII 112	VIII 502
DIAGONALS. A letter gratulatory to M. Hevelius for his organographia, and particularly concerning divisions by diagonals - <i>Wallis</i>	IX 243	
DIAMETERS. A way for taking the diameters of planets - - <i>Auzout</i>	I 373	I 194
— A way for knowing the parallax of the moon; as also why, in the solar eclipse of July 2, 1666, the diameter of the moon did increase about the end - <i>Auzout</i>	— —	— 217
— A letter touching the invention of dividing a foot into many thousand parts, for mathematical purposes - <i>Townley</i>	II 457	— 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - <i>Townley</i>	— 541	— 219
— Kepler's method of computing the moon's parallaxes in solar eclipses, demonstrated and extended to all degrees of the moon's latitude. as also to the assigning the moon's correspondent diameter; together with a concise application of this form of calculation to those eclipses - <i>Pemberton</i>	LXI 437	
— A new and general method of finding simple and quickly-converging series; by which the proportion of the diameter of a circle to its circumference may easily be computed to a great number of places of figures <i>Hutton</i>	LXVI 476	
DIAMONDS. A note about some unusual diamonds <i>Anon.</i>	IX 26	II 187
— A description of the diamond mines - <i>Earl Marshal of England</i>	XII 907	— 467
— Experiments of the luminous qualities of amber, diamonds, and gum-lac <i>Wall</i>	XXVI 69	IV 2 275
— Microscopical observations on the configuration of diamonds - <i>Leeuwenhoek</i>	— 479	V 2 267
— A letter concerning diamonds lately found in Brazil - <i>Sarmiento</i>	XXXVII 199	IV 2 182
— A letter concerning the specific gravity of diamonds - <i>Ellicott</i>	XLIII 468	X 612
— An enquiry into the original state and properties of spar and sparry productions, particularly the spars or crystals found in the Cornish mines, called the Cornish diamonds <i>Berlance</i>	XLVI 250	— 642

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DIAPHRAGM. Of the structure of the midriff		
— A letter concerning two posthumous letters of Ant. à Leewenhoek, relating to the diaphragm	<i>Leewenhoek</i> XXXII 400	VII 687
— On the palpitation of the diaphragm	<i>Hoogvlietii.</i> — 435	
— History of a split one in a child of ten months old, accompanied with part of the intestines being thrown into the thorax	<i>Leewenhoek</i> — 436 <i>Fothergill</i> XLIV 11	— 562 XI 107
DIARIES. See <i>Metereological.</i>		
DIFFERENTIAL. A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz, his answer	<i>Cont.</i> XXX 923	IV 162
— The Newtonian differential method illustrated	<i>Stirling</i> — 1050	— 141
DIGESTION. Observations on these three chemical operations, digestion, fermentation, and triture or grinding (hitherto in the author's opinion not sufficiently regarded) by which many things of admirable use may be performed		
— Observations about digestion, and the motion of the blood in a fever	<i>Langelot</i> VII 5052	III 315
— A discourse concerning digestion	<i>Leewenhoek</i> XIII 347	— 684
— Experiments relating to digestion	<i>Leigh</i> XIV 694	— 94
— On the digestion of the stomach after death	<i>Musgrave</i> — 699	— 93
DIOPTRICK PROBLEM. Why four convex glasses in a telescope shew objects erect	<i>John Hunter</i> LXII 447 <i>Molyneux</i> XVI 169	I 189
DIPPING NEEDLE. See <i>Needle.</i>		
DISEASES. Observation on a human body dead of odd diseases	<i>Fairfax</i> II 546	III 76
— An account of the diseases of dogs, and several receipts for the cure of their madness, and of those bitten by them: extracted from the papers of Sir T. Mayerne, by	<i>Sir Theodora de Vaux</i> XVI 408	II 870 III 283
— Some observations on the motion of diseases, and on the births and deaths of men and other animals, in the different times of the	<i>Nuxdramorum</i> XVII 815	— 311
— An account of a very large diseased kidney found on the dissection of a body; with the symptoms of the disease before death, and an explanation of the phenomena	<i>Paschall</i> XIX 301 <i>Cooper</i>	— 143 — Part

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— Part of a letter giving an account of several magnetical experiments; and of one who pretended to cure or cause diseases, by applying a sympathetick powder to the urine - - - <i>Leeuwenhoek</i>	XIX 512	III 685
— Particular observations upon different maladies - - - <i>Gailhard</i>	— 717	— 288
— Of the diseases and remedies incident to northern countries - - - <i>Lloyd</i>	XXI 311	— 606
— An attempt to prove the antiquity of the venereal disease long before the discovery of the West Indies - - - <i>Beckett</i>	XXX 839	IV 329
— A letter concerning the antiquity of the venereal disease - - - <i>Beckett</i>	XXXI 47	VII 652
— A letter to Dr. Halley in answer to some objections made to the history and antiquity of the venereal disease - - - <i>Beckett</i>	— 108	— 663
— An extract from the books of the town council of Edinburgh, relating to a disease there, supposed to be venereal, in the year 1497 - - - <i>Macky</i>	XLII 420	IX 213
— A short account of the disease of which Joseph Bolognini died (Lat.) - - - <i>De Camillis</i>	XLIII 40	XI 1059
— Two observations of a diseased conformation in bodies - - - <i>Haller</i>	XLIV 527	— 1062
— Diseased conformation found in dead bodies - - - <i>Haller</i>	XLVI 172	
— Two singular cases of diseased knee-joints successfully treated; the first by topical applications, the second by operation - - - <i>Warner</i>	XLIX 452	
— A further account of the effects of electricity in the cure of some diseases - - - <i>Brydson</i>	L 695	
— An account of a cure of a diseased eye - - - <i>Layard</i>	— 747	
— Extract of a letter relating to an extraordinary agitation of the sea at Barbadoes, Mar. 31, 1761, and an epidemical disorder in that island - - - <i>Mason</i>	LII 477	
— An account of an extraordinary disease among the Indians in the island of Nantucket, and Martha's vineyard in New England - - - <i>Oliver</i>	LIV 386	
— An account of the disease called Ergot in French, from its supposed cause, viz. vitiated rye - - - <i>Tiffot</i>	LV 106	
— Observations on the population and diseases of Chester, in the year 1774 - - - <i>Haygarth</i>	LXVIII 131	
— See <i>Distemper</i> and <i>Epidemy</i> .		
DISEASED CATTLE. See <i>Cattle, Distemper</i> .		
DISSECTION OF ANIMALS. An account of the dis-		section

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section of a porpus; with some observations omitted by Rondeletius - <i>Roy</i>	VI 2274	II 839
— Observations on the dissection of a rat <i>R. W.</i>	XVII 594	
— Observations on the dissection of a paroquet - <i>Waller</i>	XVIII 153	— 855
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pitt</i>	XX 184	III 234
— Some observations made on an ostrich dissected by order of Sir Hans Sloane - <i>Ranby</i>	XXXIII 223	VII 435
— Observations upon the dissection of an ostrich - <i>Warren</i>	XXXIV 113	— 437
— Some material observations upon dissecting an ostrich - <i>Ranby</i>	XXXVI 275	— —
— A letter concerning a cluster of small teeth observed at the root of each fang, or great tooth in the head of a rattle-snake, upon dissecting it - <i>Bartram</i>	XLI 358	IX 60
DISSECTION (Of human bodies). An account of an egg found in the tuba fallopiana of a woman lately dissected; with several remarks touching generation - <i>Buissiere</i>	XVIII 11	III 211
— Relation of an extraordinary child of six years old, who in face, &c. was as large as a full-grown woman; and of what appeared on the dissection of the body - <i>Sampson</i>	XIX 80	— 20
— An account of a very large diseased kidney found on the dissection of a lady; with the symptoms of the disease before her death, and an explanation of their phenomena <i>Cowper</i>	— 301	— 143
— An anatomical account of some remarkable things found on the dissection of a woman who died of a dropsy, after the paracentesis was performed; with a small reflection on the causes of dropsies - <i>Preston</i>	— 330	— 141
— A relation of a strange symptom attending a hydrops pectoris, and the reason of it, as it appeared on the dissection of the body <i>Doudy</i>	— 390	— 77
— Dissection of a woman who died in child-bed - <i>Silvestre</i>	XXII 787	V 303
— Some uncommon observations on the dissection of morbid bodies - <i>Vaughan</i>	XXIII 1244	— 261
— An account of a dropsical body dissected by - <i>Lefage</i>	XXIV 1977	— 291
— A letter giving an account of some anatomical observations made on a body dissected at Padua, by Mr. John Ray - <i>Dale</i>	XXV 2282	— 184

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— An account of the dissection of a person who died of an ulcer in the right kidney <i>Douglas</i>	XXVII 32	V 257
— An account of what appeared on the dissection of Mr. Dove — <i>Cowper</i>	— 512	— 325
— An account of the dissection of a child <i>Blair</i>	XXX 631	— 275
— Some observations made in the dissection of three subjects — — <i>Ranby</i>	XXXV 413	VII 560
DISSOLUTION. Observations upon the dissolutions and fermentations which we may call cold, because they are accompanied with a coolness of the liquors into which they pass <i>Geoffroy</i>	XXII 951	V 421
DISTANCES. Instance to Mr. Hook, for communicating a contrivance of making, with a glass of a sphere of 20 or 40 foot diameter, a telescope drawing several hundred feet: and his offer of recompensing that secret with another, teaching to measure with a telescope the distances of objects upon the earth <i>Auzout</i>	I 123	
— Of the correspondence to be procured for the finding out the true distance of the sun and moon from the earth by the parallax, observed under or near the same meridian <i>Oldenburg</i>	— 151	I 300
— A true copy of a paper found in the hand-writing of Sir Isaac Newton among the papers of Dr. Halley, describing an instrument for observing the moon's distance from the fixed stars at sea — —	XLII 155	VIII 129
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Ellicott</i>	XLVI 578	X 202
— A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship from time to time; together with the whole process of computation used on this occasion <i>Maskeelyne</i>	LII 558	
— Of the moon's distance and parallax <i>Murdoch</i>	LIV 29	
— Concise rules for computing the effects of refraction and parallax, in varying the apparent distance of the moon from the sun or a star: also an easy rule of approximation for computing the distance of the moon from a star; the longitudes and latitudes of both being given, with demonstrations of the same <i>Maskeelyne</i>	— 263	
— A method by which a glass of a small plano-convex sphere, may be made to refract the rays		

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of light to a focus of a far greater distance than is usual - <i>Hook</i>	I 202	I 193
DISTEMPERS. Historical account of the late general coughs and colds; with some observations on other epidemic distempers - <i>Molyneux</i>	XVIII 105	III 271
DISTEMPERS (Amongst cattle). An account of a murraine in Switzerland, and the method of its cure - <i>Wincler</i>	XIII 93	II 869
Further confirmation - <i>Slare</i>	— 94	— 870
— A dissertation concerning the dreadful contagious distempers seizing the black cattle in the Venetian territories, and especially about Padua - <i>Ramazzini</i>	XXIX 46	V 183
A receipt for the above distemper	— 50	
— A brief account of the contagious disease which raged among the milch cows near London, 1714, and of the methods that were taken for suppressing it - <i>Bates</i>	XXX 872	— 48
— An account of the distemper raging among the cow-kind in the neighbourhood of London; together with some remarks proposed for their recovery - <i>Mortimer</i>	XLIII 532	XI 916
Further observations - <i>Mortimer</i>	— 549	— 917
— A third account of the distemper among the cows - <i>Mortimer</i>	XLIV 4	— 921
— Concerning the burying of cows, dead of the distemper, in lime or not - <i>Milner</i>	— 224	— 925
— A discourse of the usefulness of inoculation of the horned-cattle to prevent the contagious distemper among them - <i>Loyard</i>	L 528	
— Letters relative to the distemper among the horned-cattle - <i>Loyard</i>	LXX 536	
DISTILLING. A letter concerning a new contrivance of applying receivers to retorts in distillation - <i>Langrish</i>	XLIII 254	XI 1225
— An account of the great benefit of blowing showers of fresh air up through distilling liquors - <i>Hales</i>	XLIX 312	
— Experiments on applying the Rev. Dr. Hales' method of distilling salt-water to the steam-engine - <i>Fitzgerald</i>	L 53	
— Experiments on the distillation of acids, volatile alkalies, &c. shewing how they may be condensed without loss, and how thereby we may avoid noxious and disagreeable fumes - <i>Woulfe</i>	LVII 517	
— See <i>Water</i> .		
DIVIDING. A letter touching the invention of divid-		

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ing a foot into many thousand parts, for mathematical purposes - <i>Townley</i>	II 457	I 218
More ways for the same purpose <i>Hook</i>	— 459	— 220
A description of an instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness - <i>Anon.</i>	— 541	— 219
DIVING. A table shewing to what degree air is compressible in sea-water from the depth of one foot to 1947 feet; useful to divers <i>Anon.</i>	VI 2192	II 201
A supplement - <i>Anon.</i>	— 2239	— 202
— The art of living under water: or, a discourse concerning the means of furnishing air at the bottom of the sea, in any ordinary depths <i>Halley</i>	XXIX 492	IV 2 188
— A letter concerning an improvement of the diving-bell - <i>Triewald</i>	XXXIX 377	VIII 634
DIVISIBILITY. Some theorems respecting the infinite divisibility of matter - <i>Keil</i>	XXIX 82	IV 423
DIVISION. A letter gratulatory to M. Hevelius for his organographia, and particularly concerning divisions by diagonals - <i>Wallis</i>	IX 243	
— Propositions selected from a paper on the division of right lines, surfaces and solids <i>Glanville</i>	LXVI 73	
DOG IN GENERAL. An account of an easier and safer way of transfusing blood, viz. by the veins only - <i>King</i>	II 441	
— An experiment of bleeding a mangy into a found dog - <i>Coxe</i>	— 451	III 229
— Letter touching the transfusion of blood <i>Denis</i>	— 453	—
— Of making a dog draw his breath like a broken-winded horse; with observations <i>Lower</i>	— 544	— 65
— Observations on the death of a dog on firing a volley of small shot - <i>Clarke</i>	XIX 779	— 650
— An account of what happened on syringing warm water into the thorax of a bitch - <i>Musgrave</i>	XX 181	— 78
— An account of the dissection of a dog who had mercury injected into one of the jugulars <i>Pist</i>	— 184	— 234
— Letter concerning a polypus found in a dog - <i>Musgrave</i>	XXII 690	— 85
— Observations on part of the intestine of a dog successfully cut away - <i>Shipton</i>	XXIII 1299	V 275
— A letter giving an account of two women being poisoned by the simple-distilled water of laurel-leaves, and of several experiments upon dogs;		

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by which it appears that this laurel-water is the most dangerous poison hitherto known		
— <i>Madden</i>	XXXVII 85	VI 2 374
— Some experiments concerning the poisonous quality of the simple-distilled water from the Lauro-cerasus, or common laurel, made upon dogs at Topping Hall, Essex, 1731; and others made before the Royal Society in their repository		
— <i>Mortimer</i>	— 163	— — —
DOG (MAD). Relation of a man bitten with a mad dog, and dying of the disease called hydrophobia		
— <i>Lifter</i>	XIII 162	II 276
— A receipt to cure mad dogs, or men or beasts, bitten by mad dogs		
— <i>Gourdon</i>	XVI 298	III 283
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— An account of an engine that consumes smoak, shewn lately at St. German's fair in Paris *Justell*

— Answer to several objections made by Mr. Nuis against his engine for raising water by the rarefaction of the air - - - *Papin*

— A description of an engine to raise water by the help of quicksilver, invented by *J. Haskins*
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— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermediate air; with a description of a new machine, whereby pipes may be cleared of air as the water runs along without stand pipes, or the help of any hand *Desaguliers*

— An account of a new engine for raising water by horses, or other animals drawing, without any loss of power; with the strokes of the piston made of any length, to prevent the loss of water by the too frequent opening of valves *Churchman*

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FISTULA LACRYMALIS. Some thoughts on the operation of the fistula lachrymalis <i>Hunauld</i>	XXXIX 54	IX 122
— A new method of treating the fistula lachrymalis <i>Blizard</i>	LXX 239	
FITS. An account of strange epileptick fits <i>Leigh</i>	XXIII 1174	V 366
— Case of a boy troubled with convulsive fits cured by a discharge of worms <i>Ovan</i>	L 518	
Another account <i>Gaze</i>	— 521	
More observations <i>Wall</i>	— 836	
FIXED AIR. See <i>Air</i> .		
FLAME. An account of some observations relating to the production of fire and flame; together with an explosion made by a mixture of two liquors actually cold <i>Stare</i>	XVIII 201	III 259
— An account of an uncommon phenomenon in Dorsetshire, of flame arising out of the earth <i>Stephens</i>	LII 119	
FLAMINGO. The natural history and description of the phœnicopterus, or flamingo; with two views of the head and three of the tongue <i>Douglass</i>	XXIX 523	V 63
FLANEL. Extract of a letter concerning the property of new flanel sparkling in the dark <i>Cooke</i>	XLIV 457	X 343
FLEAS. Letter concerning the generation of fleas <i>Cestlone</i>	XXI 42	II 789
— Microscopical observations on the protozois of fleas <i>Leeuwenhoek</i>	XXV 2305	V 2 267
FLESH. Experiments on fish and flesh preserved in lime water <i>Hume</i>	XLVIII 163	
— An account of a curious fleshy coral-like substance, with some observations on it by Mr. John Ellis <i>Schlosser</i>	XLIX 449	
FLIES. A letter on the effects of elder, in preserving growing plants from insects and flies <i>Gullet</i>	LXII 348	
FLOOD. Letter giving an account of a viscous slime left after a flood in the territory of the Landgrave of Thuringue; with observations <i>Bose</i>	XLVIII 358	
FLORENTINE PHILOSOPHERS. See <i>Frost</i> .		
FLOWERS. Several experiments concerning the preserving of flowers, fruit, &c. <i>Southwell</i>	XX 42	II 623, 750
— A letter giving an account of tulips, and of such bulbous plants, flowering much sooner when their bulbs are placed upon bottles filled with water, than when planted in the ground <i>Triewald</i>	XXXVII 79	VI 2 54
— An account of the same experiments tried the next year by <i>Miller</i>	— 81	— 351

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— Experiments and observations on bulbous roots, plants, and seeds, growing in water <i>Curtis</i>	XXXVIII 267	VIII 825
— A letter concerning a zoophyton somewhat resembling the flower of marygold <i>Hughes</i>	XLII 590	IX 111
— Observations upon the sex of flowers, occasioned by a letter upon the same subject by Mr. Mylius of Berlin - - - <i>W. Watson</i>	XLVII 169	
FLUENTS. Of the fluents of multinomials and series affected by radical signs, which do not begin to converge till after the second term - - - <i>Simpson</i>	XLV 328	X 1
— A disquisition concerning certain fluents which are assignable by the arcs of the conic sections; wherein are investigated some new and useful theorems for computing such fluents <i>Landen</i>	LXI 298	
FLUID (ANIMAL). Experiments to prove the existence of a fluid in the nerves - <i>Stuart</i>	XXXVII 327	VI 2 22
— Experiments on animal fluids in the exhausted receiver - <i>Darwin</i>	LXIV 344	
FLUIDS (Natural philosophy). New experiments made about the superficial figures of fluids, especially of liquors contiguous to other liquors - - - <i>Boyle</i>	XI 775	I 526
- - - <i>Boyle</i>	- 799	- 531
— A description of the apparatus for making experiments on the refractions of fluids; with a table of the specific gravities, angles of observations, and ratio of refractions of several fluids - - - <i>Hauksbee</i>	XXVII 204	IV 2 182
— Experiments relating to the resistance of fluids made before the Royal Society <i>Desaguliers</i>	XXXI 142	VI 299
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical, and other engines, for raising water, and other uses, &c. - - - <i>Payne</i>	XLI 821	VIII 638
— Experiments and observations on the compressibility of water, and some other fluids <i>Canton</i>	LIV 261	
— A course of experiments to ascertain the specific buoyancy of cork in different waters; the respective weights and buoyancy of salt water and fresh water; and for determining the exact weight of human and other bodies in fluids - - - <i>Wilkinson</i>	LV 95	
— An attempt to explain some of the principal phæ-		

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nomena of electricity by means of an elastic fluid - - - <i>Cavendish</i>	LXI 584	
— Observations and experiments tending to confirm Dr. Ingenhoufz's theory of the electrophorus, and to shew the impermeability of glass to electric fluid - - - <i>Henly</i>	LXVIII 1049	
— See <i>Water</i> .		
FLUX. An account of an extraordinary flux of the blood by the penis - - - <i>Howman</i>	XXXII 418	VII 539
— A discourse concerning the difficulty of curing fluxes - - - <i>Cockburn</i>	XXXVII 385	— 641
FLUXIONS. Some remarkable specimens of the doctrine of fluxions, or examples wherein the use and excellence of that method in solving geometrical problems is shewn - - - <i>De Moivre</i>	XIX 52	I 34
— A letter concerning the dispute about the invention of the method of fluxions, or differential method; with M. Leibnitz's answer - <i>Conti</i>	XXX 923	IV 162
FLY. An account of a kind of fly that is viviparous - - - <i>Lifter</i>	VI 2170	II 787
— Account of a viviparous fly - - - <i>Lifter</i>	XIV 592	— —
— An account of the insect called the vegetable fly - - - <i>W. Watson</i>	LIII 271	
Focus. A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual - - - <i>Hook</i>	I 202	I 193.
— A direct and geometrical method by which the aphelia, excentricities, and proportion of the orbs of the primary planets may be determined, without supposing the equality of the angle of motion at the other focus of the planet's ellipsis - - - <i>Halley</i>	XI 683	— 258
— An instance of the excellence of the modern algebra, in the resolution of the problem of finding the foci of optick glasses universally <i>Halley</i>	XVII 960	— 183
— Some simple properties of conic sections, deduced from the nature of focus's - <i>De Moivre</i>	XXX 622	IV 3
FOETUS. A way of preserving birds taken out of the shells, and other small foetus's - <i>Boyle</i>	I 199	III 650
— Extract out of the third and seventh Venetian Giornale de Letterati, concerning the formation of foetus's - - -	VI 2224	
— An account of an odd foetus lately born at Paris - - - <i>Denys</i>	VIII 6157	— 23
— An account concerning the formation of a foetus in the testicle - - - <i>St. Maurice</i>	XIII 285	— 212
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— An account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— A letter giving an account of the bones of a foetus voided per anum, some years after conception - - - <i>Morley</i>	— 486	—
— An account of a foetus voided by the ulcerated navel of a negro - - - <i>Brodie</i>	— 580	— 219
— Account of a woman who voided the bones of a foetus above the os pubis, and by other extraordinary ways <i>Philosophical Society at Oxford</i>	XX 292	— —
— An extract of a relation containing a remarkable history of a foetus without the womb <i>Fern</i>	XXI 121	— 214, 216
— An account of a woman who voided the greatest part of a foetus by the navel <i>Birbeck</i>	XXII 1000	V 305
— Letter concerning the bones of a human foetus voided through an impostume in the groin - - - <i>Skippon</i>	XXIV 2077	— 306
— An account of a puppy in the womb, that received no nourishment by the mouth <i>Brady</i>	— 2176	— 34[353]
— An account of several extra-uterine foetus's <i>Yonge</i>	XXVI 424	— 306
— Further account - - - <i>Yonge</i>	— 432	—
— Letter concerning the bones of a dead foetus taken out of the uterus of a cow <i>Sherman</i>	— 450	— 54
— Account of a child's crying in the womb - - - <i>Derham</i>	— 485	— 310
— A short dissertation on the child's crying in the womb - - - <i>Derham</i>	— 487	— —
— An account of a foetus that continued 46 years in the mother's body - - - <i>Steigertahl</i>	XXXI 126	VII 354
— An account of an extra-uterine foetus taken out of a woman after death, that had continued five years and a half in the body <i>Houffon</i>	XXXII 387	— 555
— Case of the head and ribs of a foetus brought forth by the anus - - - <i>Lindeholpe</i>	XXXIII 171	— 557
— An account of the præternatural delivery of a foetus at the anus - - - <i>Nourse</i>	XXXVI 435	— 559
— Case of a woman who had a foetus in her abdomen for nine years - - - <i>Bromfield</i>	XLI 697	IX 191
— An account of a monstrous foetus resembling a hooded monkey. - - - <i>Gregory</i>	— 764	— 315
— Case of the bones of a foetus coming away by the anus - - - <i>Winthrop</i>	XLIII 304	XI 1015
— A letter concerning the bones of a foetus voided per anum - - - <i>Simon</i>	— 529	— 1016
— An account of a child being taken out of the abdomen, after having lain there upwards of 16 years - - - <i>Myddleton</i>	XLIV 617	— 1017
		— A let-

	Transf.	Abridg.
— A letter concerning the bones of a foetus being discharged through an ulcer near the navel <i>Drake</i>	XLV 121	XI 1019
— An abstract of the remarkable case and cure of a woman, from whom a foetus was extracted that had been lodged in one of the fallopian tubes thirteen years <i>Mounsey</i>	— 131	— 1012
— An account of double foetus's of calves <i>Le Car</i>	— 497	— 1216
— Some accounts of the foetus in utero, being differently affected by the small-pox <i>W. Watson</i>	XLVI 235	— 1042
— An account of a monstrous foetus without any mark of sex <i>Bafler</i>	— 479	— 1208
— Case of a woman from whom the bones of a foetus were extracted <i>Debenham</i>	XLVII 92	
— Some observations proving, that the foetus is in part nourished by the liquor amnii <i>Fleming</i>	XLIX 254	
— An account of a monstrous human foetus having neither head, heart, lungs, stomach, spleen, pancreas, liver nor kidneys <i>Le Car</i>	LVII 1	
— History of a foetus born with a very imperfect brain; to which is subjoined, a supplement of the essay on the use of ganglions <i>Johnston</i>	— 118	
— An account of a very small foetus brought into the world, at the same time with a child at its full growth <i>Warner</i>	LX 453	
FOGS. A letter inclosing an account of some observations on atmospheric electricity, in regard of fogs, mists, &c. with some remarks <i>Ronayne</i>	LXII 137	
— An account of some new experiments in electricity, containing, 1. An enquiry whether vapour be a conductor of electricity. 2. Some experiments to ascertain the direction of the electric matter in the discharge of the Leyden bottle. 3. Experiments on the lateral explosion in the discharge of the Leyden bottle. 4. The description and use of a new prime conductor. 5. Miscellaneous experiments made principally in 1771 and 1772. 6. Experiments and observations on the electricity of fogs, in pursuance of those made by Thomas Ronayne, Esq. with a plan of an electrical journal, &c. <i>Henley</i>	LXIV 389	
FOLIATE. A ready description and quadrature of a curve of the third order, resembling that commonly called foliate <i>De Moivre</i>	XXIX 329	IV 24
FOLKESTONE. Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sachetti</i>	— 469	IV 2 248

	Transf.	Abridg.
FOOD. An abstract concerning a strange preservation of four men in a mine 24 days without food		
— <i>Anon.</i>	XIV 577	—
— A query concerning the food of the humming bird	<i>Grew</i> XVII 815	II 854
— Letter concerning men's feeding on flesh	<i>Wallis</i> XXII 769	V 1
— Answer	<i>Tyson</i> — 774	—
— Second letter	<i>Wallis</i> — 783	—
— Copy of an affidavit made in Scotland of a boy's living a considerable time without food	<i>Blair</i> XXXI 28	VII 668
— An account of some trials to cure the ill taste of milk, which is occasioned by the food of cows, either from turnips, cabbages, or autumnal leaves, &c: also to sweeten stinking water		
— <i>Hales</i>	XLIV 339	—
— An account of a woman in the shire of Ross living without food or drink	<i>Mackenzie</i> LXVII 1	—
— See <i>Boulimia</i> .		
FOOT (Mathematics). A letter touching the invention of dividing a foot into many thousand parts for mathematical purposes	<i>Townley</i> II 457	I 218
— More ways for the same purposes	— 459	— 220
— A description of the instrument for dividing a foot into many thousand parts, and thereby measuring the diameters of planets to great exactness	— 541	— 219
— An enquiry into the measure of the Roman foot	<i>Raper</i> LI 774	—
FOOT (Physic). Account of a bristle that was lodged in a gentleman's foot, and caused a violent inflammation	<i>Arderon</i> XLIV 192	XI 1114
FORAMEN OVALE. An extraordinary case of the foramen ovale of the heart being open in an adult	<i>Amyard</i> XXXIX 172	IX 134
— A letter concerning the foramen ovale being found open in the hearts of adults, and of the figure of the canal of the urethra	<i>Le Cat</i> XLI 681	—
FORCE. An account of some experiments for trying the force of great guns	<i>Griaves</i> XV 1090	I 495
— Some experiments and observations on the force of the pressure of the water at great depths	XVII 504	— 521
— On the laws of centripetal force	<i>Keil</i> XXVI 174	IV 359
— A letter concerning an experiment, whereby it has been attempted to shew the falsity of the common opinion in relation to the force of bodies in motion	<i>Pemberton</i> XXXII 57	VI 276
7		— An

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— An account of some experiments made to prove, that the force of moving bodies is proportionable to their velocities <i>Desaguliers</i>	XXXII 269	VI 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject <i>Desaguliers</i>	— 285	— 221
— A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies <i>Eames</i>	XXXIV 183	— 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities <i>Eames</i>	— 188	— 289
— Remarks upon some experiments in hydraulics, which seem to prove, that the forces of equal moving bodies are as the squares of their velocities <i>Eames</i>	XXXV 343	— 292
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion <i>Samuel Clarke</i>	— 381	— 294
— An account of an experiment contrived by G. J. s'Gravesande, relating to the force of moving bodies; shewn to the Royal Society by <i>Desaguliers</i>	XXXVIII 143	VIII 235
— Some electrical experiments chiefly regarding the repulsive force of electrical bodies <i>Wheeler</i>	XLI 98	— 406
— A narrative of a new invention of expanding fluids, by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulopneumatical and other engines, for raising water and other uses, &c. <i>Payne</i>	— 821	— 638
— Some new thoughts for discovering whether pendulums are obstructed by any centrifugal force <i>Polenus</i>	XLII 299	— 250
— An inquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis, to decide the controversy about it <i>Jurin</i>	XLIII 423	X 174
— An essay on the force of percussion <i>Richardson</i>	LVIII 17	
— A letter containing a demonstration of a law of motion, in the case of a body deflected by two		

	Transf.	Abridg.
forces tending constantly to two fixed points <i>Robertson</i>	LIX 74	
FORCEPS. Observations on fungous excrescences of the bladder, a cutting forceps for extirpating these excrescences, and canulas for treating these diseases <i>Le Cat</i>	XLVII 292	
FOREHEAD. Part of two letters concerning a prodigious os frontis in the medicine school at Leyden <i>Molynæus</i>	XV 880	III 2
FOSSIL. Of the abundance of fossil wood found under ground in Lincolnshire <i>Anon.</i>	V 2050	II 423
— Letter concerning Broughton in Lincolnshire; with observations on the shell-fish observed in the quarries about that place <i>De la Pryme</i>	XXII 677	— 428
— Observations on the fossils of Reculver Cliffe; with a note by the publisher, H. Sloane <i>Gray</i>	— 762	IV 461
— Part of two letters concerning fossils <i>Lbwyd</i>	XXIV 1566	IV 2 264
— A letter concerning Harwich Cliffe, and the fossil shells found there <i>Dale</i>	— 1568	— — —
— A letter concerning some fossils of Switzerland <i>Leeuwenhoek</i>	— 1774	V 2 267
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer of Zurich sent to J. Petiver <i>Petiver</i>	— 2042	IV 2 286
— A catalogue of the minerals, petrified shells, and other fossils, sent from C. M. Spener, of Berlin, to J. Petiver <i>Petiver</i>	— 2082	— — —
— Advertisement of a collection of specimens of fossils to be had of Alb. Thomas, for one guinea a set <i>Thomas</i>	XXVI 77	— — —
— An account of the impression of the almost entire skeleton of a large animal in a very hard stone found at Elston, near Newark, Nottinghamshire <i>Stukeley</i>	XXX 963	— - 272
— An account of elephants teeth and bones found under ground <i>Sloane</i>	XXXV 457	
— Of fossil teeth and bones of elephants, part II. <i>Sloane</i>	— 497	VI 2 211
— An account of the several strata of earth and fossils found in sinking the mineral well at Holl <i>Lewis</i>	— 489	— - 225
— A letter serving to accompany the pictures of an extraordinary fossil skull of an ox with the cores of the horns <i>Klein</i>	XXXVII 427	VII 4 101
— A letter concerning the manuring of land with fossil shells <i>Pickering</i>	XLIII 191	X 796
		— Let-

	Transf.	Abridg.
Letter concerning an extraordinary large fossil tooth of an elephant <i>Baker</i>	XLIII 331	X 599
An account of some fossils found in Ireland <i>Simon</i>	— 529	— 670
Letter concerning a non-descript petrified insect <i>Lyttleton</i>	XLVI 598	— 656
Further account of the before-mentioned Dudley fossil <i>Anon.</i>	— 609	—
An account of some uncommon fossil bodies <i>Baker</i>	XLVIII 117	—
A letter concerning the fossil found at Dudley in Staffordshire, and described, N° 496 <i>Da Costa</i>	— 286	—
An account of some fungitæ, and other curious coralloid fossil bodies <i>Pennant</i>	XLIX 513	—
Account of a remarkable fossil orthoceratites <i>Wright</i>	— 670, 672	—
An account of some fossile fruits, and other bodies, found in the island of Shepey <i>Parsons</i>	L 396	—
A short description of some high mountains, in which there is a great quantity of fossile wood <i>Hollman</i>	LI 506	—
An account of some very large fossil teeth found in North America <i>Collinson</i>	LVII 464	—
Sequel to the account <i>Collinson</i>	— 468	—
Some account of a fossil lately found near Christ Church in Hampshire <i>Barrington</i>	LXIII 171	—
FOUNTAINS. A particular account of the origin of fountains; and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually <i>Anon.</i>	X 447	II 329
An account of boiling and other fountains <i>Robinson</i>	XV 1036	— 349
An extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, and the nature of burning fountains, and of those poisonous lakes which the antients called Averni <i>Brownrigg</i>	LV 236	—
FOWL. Anatomical observations in the heads of fowl made at several times <i>Moulen</i>	XVII 711	— 860
Method of catching fowl and deer in the island of Ceilan <i>Strachan</i>	XXIII 109	V 2 179
Letter concerning a pin found in the gizzard of a fowl <i>Regnard</i>	XXIV 2055	V 53
FRACASSATI. A confirmation of the experiments		

	Transf.	Abridg.
made by Sign. Fracassati in Italy, by injecting acid liquors into the blood. - <i>Boyle</i>	II 551	III 232
FRACTIONS. The reduction of rational fractions into more simple ones - <i>De Moivre</i>	XXXII 162	VI 51
— An investigation of some theorems which suggest some remarkable properties of the circle, and are of use in resolving fractions whose denominations are certain multinomials into more simple ones - <i>Landen</i>	XLVIII 566	
— Of the theory of circulating decimal fractions - <i>Robertson</i>	LVIII 207	
FRACTURE. Observations on a fracture in the upper part of the thigh bone - <i>Douglas</i>	XXIX 499	V 388
— Part of a letter concerning a case of chirurgery, which is commonly mistaken for a fracture of the patella - <i>Deverel</i>	XXXI 44	VII 678
— The description and draught of a machine for reducing fractures of the thigh - <i>Ettrick</i>	XLI 562	IX 254
— Observations of a fracture of the os humeri by the power of the muscles only - <i>Amyand</i>	XLIII 293	XI 1103
— An account of the fracture of the os ilium, and its cure - <i>Layard</i>	— 537	— 1110
— An account of the extraction of three inches and ten lines of the bone of the upper arm, which was followed by a regeneration of the bony matter; with a description of a machine made use of to keep the upper and lower pieces of the bone at their proper distances, during the time that the regeneration was taking place, and which may also be of service in fractures happening near the head of that bone - <i>Le Cat</i>	LVI 270	
— An account of a new-invented instrument for fractured legs - <i>Sharp</i>	LVII 80	
FRAGILITY. An account of some experiments lately made in Holland upon the fragility of unannealed glass vessels - <i>Anon.</i>	XLIII 505	— 1343
FRANCE. Observations made in the southern parts of France - <i>De Martel</i>	V 1179	II 425, 657, 309
— Letter relating to that isthmus, or neck of land, which is supposed to have joined England and France in former times, where now is the passage between Dover and Calais - <i>Wallis</i>	XXII 967	IV 2 227
FRANCFORT. Letter concerning osteocolla, and other observables near Francfort on the Oder - <i>Beckman</i>	III 771	II 148, 461 III 603
FRICTION. Some observables on the effects of touch and friction - <i>Oldenburg</i>	I 206	— 10

	Transf.	Abridg.
— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air; with a description of a new machine, whereby pipes may be cleared of air as the water runs along without stand-pipes, or the help of any hand		
— <i>Defaguliers</i>	XXXIV 77	VI 347
— An examination of M. Perault's new-invented axis in peritrochio, said to be void of friction: with an experiment to confirm the reasoning made upon an axis in peritrochio, first used in M. Perault's manner, then in the common way		
— <i>Defaguliers</i>	XXXVI 222	— 317
— A farther examination of the above	— 228	— 20
— An account of two experiments of the friction of pulleys	<i>Defaguliers</i> XXXVII 394	— 322
— A method of lessening the quantity of friction in engines	<i>Fitzgerald</i> LIII 139	
— See <i>Engine</i> .		
FRIGHT. The case of Henry Axford, who recovered the use of his tongue after having been four years dumb, by means of a frightful dream		
— <i>Squire</i>	XLV 148	XI 958
FRIULI. Letter concerning the mines of mercury in Friuli	<i>Pope</i> I 21	II 577
— A letter concerning the mines of Friuli; confirming as well the account given on that subject, vol. I. p. 21, as enlarging the same with some additions	<i>Brown</i> IV 1080	— 579
FROGS. The phenomena afforded by them in an exhausted receiver	<i>Boyle</i> V 2015	— 523
— Anatomical observations on the structure of the lungs of frogs, tortoises, &c. and perfecter animals	<i>Malpighi</i> VI 2149	— 817
— Observations about generation by an animalcula of the male seed: animals in the seed of a frog: and some other observables in the parts of a frog	<i>Leeuwenhoek</i> XIII 347	III 684
— Some observations made on the spawn of frogs, and the production of tadpoles therein	<i>Waller</i> XVII 523	II 818
— Letter on animalcula in the excrements of frogs	<i>Leeuwenhoek</i> XXII 509	III 688
FROG FISH. Some account of the rana piscatrix	<i>Parsons</i> XLVI 126	XI 866
— — — An account of the frog-fish of Surinam	<i>Edwards</i> LI 653	

FROST.

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FROST. Method of taking celes in frosty weather	I 323	II 837
— An experiment concerning the progress of artificial congelation, and the remarkable accidents therein, observed by the Florentine philosophers	Anon. V 2020	— 252
— An account of a strange frost which hath done much hurt about Bristol; together with some useful hints suggested upon that occasion	Beale VII 5138	— 150
— A confirmation of the account	Wallis VIII 5196	— 152
— Advertisements occasioned by the remarks printed in N° 14, upon frosts in some parts of Scotland, differing in their anniversary seasons and force from our ordinary frosts in England	Beale X 337	—
— A discourse concerning the effects of the great frost on trees and other plants in 1683; drawn from the answers to some queries sent into divers countries by R. Plott, and from several observations made at Oxford by J. Bobart	Anon. XIV 766	— 155, 751
— A discourse concerning the rising and falling of the quicksilver in the barometer, and what may be gathered from its great rise in frosty weather, as to a healthy or sickly season	Lifter — 790	— 18
— Some experiments about freezing, and the difference between common fresh water ice, and that of the sea water: also a probable conjecture about the original of the nitre of Egypt	Lifter XV 836	— 164
— Some experiments about freezing	Desmesters XX 384	— 165
— Further experiments about freezing	Desmesters — 439	—
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point observed by a thermometer	Hauksbee XXVI 267	IV 2 182
— An experiment touching the freezing of common water, and water purged of air	Hauksbee — 302	— —
— An account of an experiment touching the freezing of common water tinged with a liquid, said to be extracted from shell-lac	Hauksbee — 304	— —
— The history of the great frost in the winters 1708 and 1709	Derham — 454	— 113
— A letter concerning the frost in January 1730-1	Derham XXXVII 16	IV 275
— Experiments and observations of the freezing of water in vacuo	Fahrenheit XXXIII 78	VI 2 51
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— On the computation of the sun's distance from the earth by the theory of gravity	<i>Horsley</i> LIX 153	
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— Remarks on a Parthian coin with a Greek and Parthian legend - <i>Swinton</i>	L 175	
— Some observations on an inedited Greek coin of Philistis queen of Syracuse, Malta and		

Gozo, who had been passed over in silence by all the ancient writers	- Swinton	Transf. LX 80	Abridg.
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— A narrative of an extraordinary sinking down and sliding away of some ground at l'Ardines, near Auvergne	- Anon.	XLI 272	VIII 704
— An account of the sinking down of a piece of ground at Horsford in Norfolk	Arderon	XLIII 527	X 587
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— A description of the uses of a certain powder for yeilding very close and smooth metal, and of easy carriage, &c. (for casting of guns) <i>Anon.</i>	VIII 6040	II 557
— An account of some experiments for trying the force of great guns <i>Greaves</i>	XV 1090	I 495
— A discourse concerning gravity and its proper- ties, wherein the descent of heavy bodies, and the motion of projects, is briefly but fully handled; together with the solution of a prob- lem of great use in gunnery <i>Halley</i>	XVI 3	— 472, 473
— An account of an experiment of shooting by the rarefaction of the air <i>Papin</i>	— 21	— 496
— A proposition of general use in the art of gun- nery; shewing the rule of laying a mortar to pass, in order to strike any object above or be- low the horizon <i>Halley</i>	XIX 68	— 481, 483
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— An extract of a letter containing severa observations on gun-powder <i>Leeuwenboel</i>	XV. II 754	III 685
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— The anatomy of the slime within the guts, and the use thereof <i>Leeuwenhoek</i>	XIV 586	III 684
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— Letter concerning a very extraordinary periodical hæ-		
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— The relation of a ſtorm of thunder, lightning,		
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— Extract of a letter giving an account of an un-		
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— A remarkable cure of a wound of the head, complicated with a large fracture and depression of the skull, the dura mater and brain wounded and lacerated <i>Cagna</i>	XLI 495	IX 118
— An account of some extraordinary tumours upon the head of a labouring man <i>Parsons</i>	L 350	
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— An account of an experiment touching the production of light by the effluvia of one glass falling on another in motion <i>Hauksbee</i>	XXV 2413	— - —
— An account of some experiments touching the electricity and light producible on the attrition of several bodies - <i>Hauksbee</i>	XXVI 87	
— An account of an experiment touching the production of light within a globe glass, whose inward surface is lined with sealing wax, upon an attrition of its outside - <i>Hauksbee</i>	— 219	— 181
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— An account of an experiment concerning an endeavour to produce light through a metallick body, under the circumstances of a vacuum and attrition - <i>Hauksbee</i>	XXVII 328	— - —
— Experiments and observations upon the light that is produced by communicating electrical attraction to animals or inanimate bodies, together with some of its most surprizing effects <i>Gray</i>	XXXIX 16	VIII 397
— Observations of luminous emanations from human bodies and from brutes, with some remarks on electricity - <i>Miles</i>	XLIII 441	X 278
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ject in what proportion one pleaseth, and of the distances requisite to burn bodies by the sun <i>Huzar</i>	I 68	I 280
— A method by which a glass of a small plano-convex sphere may be made to refract the rays of light to a focus of a far greater distance than is usual <i>Hook</i>	I 202	I 193
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A plain and easy experiment to confirm Sir Isaac Newton's doctrine of the different refrangibility of the rays of light - <i>Desaguliers</i>	— 448	— 481
— Some experiments made in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen - <i>Ellicott</i>	XLVI 578	X 202
— Discourse concerning the cause of the different refrangibility of the rays of light <i>Melvil</i>	XLVIII 261	
— A comparison between the notions of M. de Courtivron and Mr. Melvil concerning the difference of refrangibility of the rays of light - <i>Clairaut</i>	— 776	
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— Dissertation on the aberration of light refracted at spherical superficies and lenses <i>Klingenstierna</i>	LI 944	
— A letter containing a theorem of the aberration of the rays of light refracted through a lens, on account of the imperfection of the spherical figure - <i>Maskeelyne</i>	LII 17	
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— Phases of the transit of Venus supposed to be retarded by the aberration of light <i>Winthorpe</i>	LX 358	
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— Two letters of the effects of lightning in Northamptonshire, July 3, 1725 - <i>Wasse</i>	XXXIII 366	VI 2 70
— An account of persons killed by lightning at Worcester - <i>Beard</i>	XXXIV 118	— 72
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— An account of a file rendered magnetical by lightning - <i>Eremona</i>	XLI 614	— 506
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— An extract of an Italian treatise, written by Jos. Bianchini, upon the death of the Countess Cornelia Zangari and Bandi of Cesena; to which are subjoined accounts of the death of Jos. Hitchell, who was burned to death by lightning, and of Grace Pett at Ipswich, whose body was consumed to a coal - <i>Rolli</i>	XLIII 447	XI 1068
— A letter concerning the effects of lightning in destroying the polarity of a mariner's compass; to which are subjoined some remarks thereon by Gowin Knight - <i>Waddell</i>	XLVI 111	X 695
— An account of the burning of the steeple of Danbury in Essex, Feb. 5, 1749-50 <i>Letbueullier</i>	XLVI 611	X 478

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— An account of the effects of lightning in the Danish church in Wellclose-Square	<i>Hucham</i> XLIX 16	
— A letter concerning the effects of lightning at Darking in Surry	<i>Brander</i> — 298	
— An account of the effects of lightning upon the steeple and church of Lestwithiel in Cornwall, Jan. 25, 1757	<i>Child</i> — 309	
— An account of some extraordinary effects of lightning, July 16, 1759	<i>Smeaton</i> L 198	
— With remarks	<i>Mountaine</i> LI 286	
— Extract of a letter concerning a person struck by lightning at Duloe, June 26, 1756	<i>Knight</i> — 294	
— Some suggestions concerning the preventing the mischiefs which happen to ships and their masts by lightning	<i>Huxham</i> LII 517	
— An account of the effects of lightning at South Weald, in Essex, June 18, 1764	<i>W. Watson</i> — 629	
— Observation upon the effects of lightning, with an account of the apparatus proposed to prevent its mischiefs to buildings, more particular to powder magazines, being answers to questions proposed by M. Calandrini of Geneva	<i>Heberden</i> LIII 198	
— An account of the effects of lightning on St. Bride's Church, Fleet-Street, June 18, 1764	<i>W. Watson</i> LIV 201	
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— Considerations to prevent lightning from doing mischief to great works, high buildings, and large magazines	<i>Lawrence</i> — 235	
— An account of the effects of lightning on three ships in the East Indies, Aug. 1, 1750	<i>Wilson</i> — 247	
— Proposal of a method for securing the cathedral of St. Paul's from damage by lightning; in consequence of a letter from the dean and chapter of St. Paul's to James West, Esq.	<i>Veicht</i> — 284	
— An account of the appearance of lightning on a conductor fixed from the lee-mast of the main-	<i>Committee of the Royal Society</i> LIX 160	

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— An account of the death of a person destroyed by lightning in the chapel in Tottenham-Court-Road, and its effects on the building, as observed by Messrs. Henley, Nairne, and Jones - <i>Henley</i>	LXII 131	
— A report of the committee appointed by the Royal Society to consider of a method for securing the powder magazine at Purfleet from lightning - <i>Committee of the Royal Society</i>	LXIII 42	
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— An account of the effects of lightning at Steeple Aston and Holt, in the county of Wilts on the 20th of June, 1772 <i>Eliot, Wainhouse, Pitcairn, Paradise</i>	— 231	
— Experiments concerning the different efficacy of pointed and blunted rods, in securing buildings against the stroke of lightning - <i>Henley</i>	LXIV 133	
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— An account of the effects of lightning on a house, which was furnished with a pointed conductor, at Tenterden in Kent; to which are added some remarks by Mr. Henley - <i>Haffenden</i>	LXV 336	
— An account of a very extraordinary effect of lightning on a bullock, at Swanborow, in the parish of Ilford, near Lewes in Sussex; in sundry letters from - <i>Lambert and Green</i>	LXVI 463	
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— An account of some experiments relating to the production of fire and flame, together with an account of an explosion made by the mixture of two liquors actually cold - <i>Slare</i>	XVIII 201	III 359
— A way to make two clear spirituous inflammable liquors, which differ very little in taste and smell and being mixed together do give a fine carnation colour, without either sensible fermentation or alteration - <i>Geoffroy</i>	XXI 43	III 367
— Observations upon the dissolutions and fermentation which we may call cold, because they are accompanied with a coolness of the liquors into which they pass - <i>Geoffroy</i>	XXII 951	V 421
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— An observation of a white liquor resembling milk which appeared instead of serum, separated from the blood after it had stood some time - - - <i>Stuart</i>	XXXIX 289	IX 193
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— An account of an extraordinary cystis, in the liver, full of water - <i>Fernegan</i>	XLIII 305	XI 971
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LOBSTER. An account of an hermaphrodite lobster examined and dissected pursuant to an order of the society - <i>Nichols</i>	XXXVI 290	VII 421
LOCUS. A discourse on the locus for three and four lines celebrated among the ancient geometers - <i>Pemberton</i>	LIII 496	
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— A narrative of the destruction of the canker-worms and locusts which destroyed the fields near Wirtemberg for several years <i>Wardle</i>	XXXVIII 294	
— An account of the locusts which did vast damage in Walachia, Moldavia, and Transylvania, in the year 1747 and 1748; and of some swarms of them, which in the months of July and August 1748 came into Hungary and Poland -	XLVI 30	XI 840
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— — A new method for making logarithms, and finding the number corresponding to a logarithm given, with tables - <i>Long</i>	— 52	— 160
— — Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line or sum of the secants - <i>Robertson</i>	XLVI 559	X 256
— — The construction of the logarithmic lines on the Gunter's scale - <i>Robertson</i>	XLVIII 96	
— — Letter about logarithms - <i>Dodson</i>	— 273	
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LOINS. An account of a præternatural tumour on the loins of an infant, attended with a cloven spine - <i>Rutty</i>	XXXI 98	VII 676
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— Observations on the expectations of lives, the increase of mankind, the influence of great cities on population, and particularly the state of London with the respect to healthfulness and the number of its inhabitants — <i>Price</i>	LIX 89	
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— The substance of some experiments of planting of seeds in moss - - - <i>Bennet</i>	XLV 156	— 795
— Experiments and observations on a blue substance found in the peat-moss in Scotland <i>Douglas</i>	LVIII 181	
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— A summary account of the laws of motion <i>Hugens</i>	IV 925	— 460
— Some propositions on the parabolic motion of projectiles, written in 1710 - <i>Taylor</i>	XXXI 151	VI 299
— (Astronomy) A letter concerning the moon's motion - - - <i>Dunthorne</i>	XLIV 412	X 78
— A letter concerning the mean motion of the moon's apogee - <i>Murdocke</i>	XLVII 62	
— An account of a prize of 100 ducats offered by the Academy of Sciences at Petersburg, for the best answer to the question, "Whether the theory of Sir Isaac Newton is sufficient to explain all the irregularities which are found in the motion of the moon?" - - - <i>Euler</i>	— 263	
— Of the irregularities in the planetary motions caused by the mutual attraction of the planets - - - <i>Walmesley</i>	LII 275	
— An essay on the connection between the parallaxes of the sun and moon; their densities; and their disturbing forces on the ocean - - - <i>Murdock</i>	LVIII 24	
— (Mechanics) Letter concerning a movement that measure time after a peculiar manner, with an account of the reason of the said motion - - - <i>Wheeler</i>	XIV 647	I 468
— A discourse proving from experiments, that the larger the wheels of a coach, &c. are, the more easily they may be drawn over a stone, or such like obstacle that lies in the way <i>Anon.</i>	XV 856	I 503
— Observations on a French paper concerning perpetual motion - <i>Papin</i>	XV 1240	— 504
— A discourse concerning gravity, and its properties, wherein the descent of heavy bodies, and the motion of projects, is briefly, but fully handled; together with the solution of a problem of great use in gunnery - <i>Halley</i>	XVI 3	— 472
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— Further remarks on the instrument proposed by an anonymous French author for effecting a perpetual motion - - - <i>Papin</i>	XVI 138	
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— Experiments about the motion of pendulums in vacuo - - - <i>Derham</i>	XXIV 1785	IV 2 168
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— An experimental enquiry concerning the natural powers of water and wind to turn mills and other machines depending on a circular motion - - - <i>Smeaton</i>	— 100	
— A letter containing a demonstration of a law of motion, in the case of a body deflected by two forces, tending constantly to two fixed points <i>Robertson</i>	LIX 74	
— A new theory of the rotatory motion of bodies affected by forces disturbing such motion <i>Landen</i>	LXVII 266	
— An investigation of the principles of progressive and rotatory motion - - - <i>Vince</i>	LXX 546	
— (Force of moving bodies) A letter concerning an experiment, whereby it has been attempted to shew the falsity of the common opinion, in relation to the force of bodies in motion <i>Pemberton</i>	XXXII 57	— 276
— An account of some experiments made to prove that the force of moving bodies is proportionable to their velocities - - - <i>Desaguliers</i>	— 269	— 281
— Animadversions upon some experiments relating to the force of moving bodies; with two new experiments on the same subject <i>Desaguliers</i>	— 285	— 285
— A remark upon the new opinion relating to the forces of moving bodies, in the case of the collision of non-elastic bodies - - - <i>Eames</i>	XXXIV 183	— 287
— Remarks upon a supposed demonstration, that the moving forces of the same body are not as the velocities, but as the squares of the velocities - - - <i>Eames</i>	— 188	— 289
— A letter occasioned by the present controversy among mathematicians, concerning the proportion of velocity and force in bodies in motion - - - <i>Samuel Clarke</i>	XXXV 381	— 294
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— An enquiry into the measure of the force of bodies in motion; with a proposal of an experimentum crucis to decide the controversy about it <i>Jurin</i>	XLIH 423	VIII 174
— An experimental examination of the quantity and proportion of mechanic power, necessary to be employed in giving different degrees of velocity to heavy bodies from a state of rest <i>Smeaton</i>	LXVI 450	
— Reflections on the communication of motion by impact and gravity <i>Milner</i>	LXVIII 344	
— (Motion of fluids) An account of the motion of running water <i>Jurin</i>	XXX 748	IV 435
— A defence of the dissertation of the motion of running water, against the animadversions of P. A. Michelotti <i>Jurin</i>	XXXII 179	VI 431
— Remarks upon some experiments in hydraulics, which seem to prove that the forces of equal moving bodies are as the squares of their velocities <i>Eames</i>	XXXV 343	— 292
— Of the measure and motion of running water <i>Jurin</i>	XLI 5	VIII 282
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— (Motion of the earth) An account of a controversy between Stephano de Angelis of Padua, and J. B. Riccioli, concerning the motion of the earth <i>Gregory</i>	III 693	
— Extract of a letter touching his thoughts of Mr. Hooke's observations for proving the motion of the earth <i>Hugens</i>	IX 90	
— Extract of another letter relating to the same subject <i>Cassini</i>		
— (Electricity) An account of the repetition of an experiment touching motion, given bodies included in a glass, by the approach of a finger near its outside; with other experiments on the effluvia of glass <i>Hauksbee</i>	XXVI 82	VI 2 81
— (Heat) An experiment to examine what figure and celerity of motion begetteth or increaseth light and flame <i>Beale</i>	I 226	X 551
— Two letters concerning the rotatory motion of glass tubes about their axes when placed in a certain manner before the fire <i>Wheeler</i>	XLIH 342	III 639

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— An observation upon the motion of the hearts of two urchins, after being cut out <i>Templer</i>	VIII 6016	III 69
— (Natural history of vegetables) Queries concerning vegetation, especially the motion of the juices of vegetables - <i>Anon.</i>	III 797	II 752
— Experiments concerning the motion of the sap in trees - <i>Willoughby and Wray</i>	IV 963	— 682
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Extract of a letter both in relation to the further discovery of the motion of juices in vegetables, and removing the difference noted in Mr. Willoughby's letter - <i>Anon.</i>	— 2126	— 686
— Some considerations on the descent of sap <i>Reed</i>	— 2128	— 687
Some considerations on Mr. Reed's letter, shewing in what sense the sap may be said to descend, and to circulate in plants, and the graft to communicate with the stock <i>Beal</i>	— 2144	— —
— Observations and experiments relating to the motion of sap in vegetables <i>Bradley</i>	XXIX 486	IV 2 302
MOULDINESS. Some microscopical observations and curious remarks on the vegetation and exceeding quick propagation of mouldiness on the substance of a melon - <i>Bradley</i>	XXIX 490	IV 2 308
— Letter concerning the green mould on firewood - - <i>Miles</i>	XLVI 334	X 748
MOUNTAINS. Letter concerning the icy and crystalline mountain of Helvetia, called the Gletscher - - <i>Muraltus</i>	IV 982	II 465
— Experiment concerning respiration upon very high mountains - - <i>Boyle</i>	V 2038	—
— A farther description and representation of the icy mountain called the Gletscher in the canton of Bern, in Helvetia - - <i>Justel</i>	VIII 6191	— —
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— cording as places are elevated above the surface of the earth, with an attempt to discover the true reason of the rising and falling of the Mercury upon change of weather <i>Halley</i>	XVI 104	II 14
— A relation of the small creatures called sable mice, which have lately come in troops into Lapland, about Thorne, and other places adjacent to the mountains, in innumerable multitudes <i>Rycaut</i>	XXI 110	— 871
— A relation of the bad condition of the mountains about the Tungaroufe and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of January, 1699, drawn up from the account given by Tommagon Porbo Nata who had been there	XXII 595	— 419
— The barometrical method of measuring the height of mountains, with two new tables, shewing the height of the atmosphere at given altitudes of Mercury <i>Scheuchzer</i>	XXXV 537	VI 2 30
— Remarks on the height of mountains in general, and of those of Swisserland in particular, with an account of the rise of some of the most considerable rivers of Europe <i>Scheuchzer</i>	— 577	— - 35
— An account of a mountain of iron-ore at Ta-berg in Sweden <i>Afcanius</i>	XLIX 30	
— A short description of some high mountains on which are a great quantity of fossil wood <i>Hollman</i>	LI 506	
— Observations made in Savoy, in order to ascertain the height of mountains by means of the barometer; being an examination of Mr. de Luc's rules delivered in his "Recherches sur les Modifications de l'Atmosphere" <i>Schuckburg</i>	LXVII 513	
— Astronomical observations relating to the mountains of the moon <i>Herschel</i>	LXX 507	
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— Of an excellent liquor made with cyder, apples, and mulberries <i>Coleprefs</i>	II 502	
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MULTINOMIAL. A method of raising an infinite multinomial to any given power, or extracting any given root of the same — <i>De Moivre</i>	XIX 619	I 90
— Of the fluents of multinomials, and series affected by radical signs, which do not begin to converge till after the second term <i>Simpson</i>	XLV 328	X 1
— An investigation of some theorems, which suggest some remarkable properties of the circle, and are of use in resolving fractions, whose denominators are certain multinomials into more simple ones — <i>Lan-en</i>	XLVIII 566	
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— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer, of Zurich, sent to J. Petiver — <i>Leeuwenhoek</i>	XXIV 2042	IV 2286
MUSCLE (fish). Examination of the testicles of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenhoek</i>	XVII 593	III 685
MUSCLE (Anatomy). Microscopical observations of the carneous fibres of a muscle <i>Leeuwenhoek</i>	XII 899	III 684
— A letter containing observations upon the feminal vessels, muscular fibres, and blood of whales — <i>Leeuwenhoek</i>	XXVII 438	V 2 267
— An extract of a letter concerning the fibres of the muscles — <i>Leeuwenhoek</i>	XXIX 55	V 390
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— Observations upon the membranes enclosing the fasciculi of fibres, into which a muscle is divided — <i>Leeuwenhoek</i>	XXXI 12	VII 464
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— The Crounian lectures on muscular motion, read before the Royal Society in 1744 and 1745 - <i>Parsons</i>	XLIII 1	XI 1226
— Observations concerning the salt marsh muscle, the oyster-banks, and the fresh-water muscle of Pennsylvania - <i>Bartram</i>	— 157	XI 860
— Observations of a fracture of the os humeri, by the power of the muscles only - <i>Amyand</i>	— 293	— 1103
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— Observations upon the effects of electricity applied to a tetanus, or muscular rigidity of four months continuance - <i>Watson</i>	— 10	
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— Further remarks concerning mushrooms, occasioned by the Rev. Mr. Pickering's paper, with observations on the poisonous faculty of some sort of fungi - <i>W. Watson</i>	XLIII 51	X 790
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— A discourse concerning the musical notes of the trumpets and trumpet-marine, and of the defects of the same - <i>Roberts</i>	XVII 559	— 607
— A question in music lately proposed to Dr. Wallis, concerning the division of the mono-		

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— The theory of musick reduced to arithmetical and geometrical proportions - <i>Salmon</i>	XXIV 2069	
— A letter of the various genera and species of music among the ancients, with some observations concerning their scale - <i>Pepusch</i>	XLIV 266	X 261
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— Account of one, who had no ear to music naturally, singing several tunes when in a delirium - <i>Doddridge</i>	— 596	XI 1084
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MUSICIAN. Account of a very remarkable young musician - <i>Barrington</i>	LX 54	
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MUSK HOG. <i>Tajacu seu aper Mexicanus moschiferus</i> , or the anatomy of the Mexico musk-hog - <i>Tyson</i>	XIII 359	— 873
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— A summary relation of what hath hitherto been discovered in the matter of the North-East Passage - - - <i>Anon.</i>	X 417	III 610
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— An account of a new machine, called the marine surveyor, contrived for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention, - - - <i>Saumarez</i>	XXXIII 411	— 444
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— A retraction of the 7th and last paragraph of Mr. W. Molyneux's letter, vol. XIV. p. 552, concerning Lough-Neagh Stone, and its non-application to the magnet-upon calcination - - - <i>Molyneux</i>	— 820	— 323
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— A catalogue of the minerals, petrified shells, and other fossils, sent from C. M. Spencer of Berlin to J. Petiver - <i>Anon.</i>	XXIV 2082	IV 2 286
— An account of part of two human skeletons petrified - <i>Scheuchzer</i>	XXXIV 38	VI 2 205
— Account of the petrification near Matlock Baths in Derbyshire; with conjectures concerning petrification in general - <i>Gilks</i>	XLI 352	VIII 707
— An extract of a philosophical account of a new opinion concerning the origin of petrifications found in the earth, which has hitherto been ascribed to the universal deluge, by Sig. Antonio Lazzaro Moro - <i>Zollman</i>	XLIV 163	X 615
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QUANTITY. An account of the several species of infinite quantity, and of the proportions they bear one to the other - <i>Halley</i>	XVII 556	I 202
— An essay on quantity; occasioned by reading a		

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treatise, in which simple and compound ratios are applied to virtue and merit <i>Reid</i>	XLV 505	X 22
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— An extract of a letter concerning a quarry of marble in the county of Farmanagh in Ireland - <i>Nevill</i>	XXVIII 278	
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QUICK LIME. A chymical experiment of the effects of quick lime upon alkaline sal volatile <i>Schlosser</i>	XLIX 222	
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— A relation concerning the quicksilver mines of Friuli; confirming, as well the account given on that subject, vol. I, p. 21, as enlarging the same, with some additions - <i>Brown</i>	IV 1080	— 579
— An attempt to render the cause of that odd phenomenon of the quicksilver remaining suspended far above the usual height in the Torricellian experiment - <i>Hugen.</i>	VII 5027	— 23
— Of the incalcescence of quicksilver with gold <i>R.B.</i>	X 515	— 580
— An account of some new experiments relating to the action of glass tubes upon water and quicksilver - <i>Jurin</i>	XXX 1083	IV 428
— A description of an engine to raise water by help of quicksilver, invented by Haskins, and improved by - <i>Desagulier.</i>	XXXII 5	VI 352
— Experiments on quicksilver <i>Boerhaave</i>	XXXVII 145	VIII 709
— Experiments on quicksilver <i>Boerhaave</i>	XXXIX 343	— 717
— More experiments - <i>Boerhaave</i>	— 368	— 725
— Part of a letter concerning the light caused by quicksilver shaken in a glass tube, proceeding from electricity - <i>Trembley</i>	XLIV 58	X 321
— An account of the success of some attempts to freeze quicksilver, at Albany Fort, in Hudson's-Bay, in the year 1775, with observations on the dipping-needle - <i>Hutchins.</i>	LXVI 174	
QUILLS. A letter giving some account of the root used by the Indians, in the neighbourhood of Hudson's Bay, to dye porcupine quills <i>Forster</i>	LXH 54	
QUINARIUS. Explication of a most remarkable mo-		

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QUINCY. An account of a stone bred at the root of the tongue, and causing a quinfy <i>Bonavert</i>	XX 440	III 156

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— Observations concerning some little animals observed in rain, well, sea, and snow water, where pepper has lain infused <i>Leeuwenhoek</i>	XII 821	III 683
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— Observations on rain water <i>Leeuwenhoek</i>	XXIII 1152	
— An attempt to solve the phenomenon of the rise of vapours, formation of clouds, and descent of rain <i>Desaguliers</i>	XXXVI 6	VI 2 61
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— Some optical assertions concerning the rainbow from Leige <i>Linus</i>	X 386	— 194
— An account of the appearance of a extraordinary iris seen at Chester, Aug. 6, 1697 <i>Halley</i>	XX 193	— 188
— A geometrical dissertation on the rainbow, shewing the means of obtaining the diameter of each bow, the ratio of refraction being given, with the solution of the reverse problem, or that of finding the ratio of the refraction, the diameter of the bow being given <i>Halley</i>	XXII 714	— 195
— A letter giving an account of a lunar rainbow seen in Derbyshire, 1710-11 <i>Thoresby</i>	XXVII 320	IV 2 131

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RAINBOW. An account of two mock suns, and an arc of a rainbow inverted with an halo, and its brightest arc, seen on Sunday and Monday, Oct. 22, and 23, 1721, at Lyndon, in Rutland <i>Whiston</i>	XXXI 212	VI 2 76
— An account of a rainbow seen on the ground <i>Langwith</i>	— 229	— 80
— Extracts of several letters concerning the appearance of several arches of colours contiguous to the inner edge of the common rainbow at Petworth <i>Langwith</i>	XXXII 241	VI 122
Another letter with some other reflections on the same subject <i>Pemberton</i>	— 245	— 123
— A description of an extraordinary rainbow observed July 15, 1748 <i>Daval</i>	XLVI 193	X 481
— An account of an inverted iris, observed on the grass in September, and another in October, 1751 <i>Webb</i>	XLVII 248	
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RATTLE SNAKES. The way of killing rattle snakes <i>Taylor</i>	I 43	II 373
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— — The anatomy of a rattle-snake dissected at the repository of the Royal Society <i>Tyson</i>	XIII 25	— 797
— — An account of the rattle-snake <i>Dudley</i>	XXXII 292	VII 410
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— The anatomy of the poisonous apparatus of a rattle snake, with an account of the quick effects of its poison — <i>Ranby</i>	— 377	— 416
— Conjectures on the charming or fascinating power attributed to the rattle-snake, grounded on credible accounts, experiments, and observations — <i>Sloane</i>	XXXVIII 321	IX 55
— A letter concerning a cluster of small teeth observed at the root of each fang, or great tooth, in the head of a rattle-snake, upon dissecting it — <i>Bartram</i>	XLI 358	— 60
— A letter containing an account of what he felt after being bit by a rattle-snake <i>Breintal</i>	XLIV 147	— 856
— An account of the successful application of salt to wounds made by the bite of rattle-snakes — <i>Gale</i>	LV 244	
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— A letter giving an account of what manuscripts were left by Mr. John Ray <i>Dale</i>	XXV 2282	V 184
RAYS. (Natural Philosophy) A method by which a glass of a small plano-convex-sphere may be made to refract the rays of light to a focus of a far greater distance than is usual <i>Hook</i>	I 202	I 193
— A new way of orthographically delineating, by parallel rays, the postures and actions of an human body, exactly observing the symmetry and proportion of the parts <i>Saint Clare</i>	VIII 6079	— 599
— The effects of the different refractions of the rays in telescopical glasses — <i>Anon</i>	— 6086	— 156
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— Observations upon the edge of razors <i>Leeuwenhoek</i>	XXVI 493	— 267
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RECEIVER. Phænomena afforded by shell fishes in an exhausted receiver — <i>Boyle</i>	V 2023	I 304
— A letter concerning a new contrivance of applying receivers to retorts in distillation <i>Langrish</i>	XLIII 254	XI 1225
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— A further account of the bones of animals being made red by aliment only - <i>Belchier</i>	XXXIX 299	IX 105
— Observations and experiments with madder root, which has the faculty of tinging the bones of living animals of a red colour <i>Du Monceau</i>	XLI 390	— 103
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REDI. Extract of a letter concerning Signor Redi's manuscripts - - - <i>Anon.</i>	XXI 42	II 789
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— The effects of the different refractions of the rays in telescopical glasses - <i>Anon.</i>	VIII 6086	— 156
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— Extract of two letters concerning an instrument to shew the moon's true place to a minute or two ; also the writer's design of correcting the hitherto assigned motions of the sun ; the other touching the necessity of making new solar numbers, together with an expedient of making trial whether the refraction in Signor Cassini's table be just - <i>Flamsteed</i>	IX 219	— 162
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— A description of the apparatus for making experiments on the refractions of fluids, with a table of the specific gravities, angles of observations, and ratio of refractions of several fluids <i>Hauksbee</i>	XXVII 204	IV 2 182
— Some allowances to be made in astronomical observations, for the refraction of the air, with an accurate table of refractions <i>Halley</i>	XXXI 169	VI 167
— An account of the double refractions in crystals <i>Beccaria</i>	LII 486	
— Concise rules for computing the effects of refraction and parallax in varying the apparent distance of the moon from the sun or a star; also an easy rule of approximation for computing the distance of the moon from a star, the longitude and latitude of both being given, with demonstrations of the same <i>Maskeelyne</i>	LIV 263	
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REGIMEN. Part of a letter on the antiseptical regimen of the natives of Russia <i>Guthrie</i>	LXVIII 622	
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REMEDIES. Of the diseases incident to, and remedies of, Northern countries <i>Lloyd</i>	XXI 310-311	III 606
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— Account of an unsuccessful attempt to prevent the necessity of respiration by the production or growth of animals in our vacuum <i>Boyle</i>	— 2040	
— Of the power of affluence to enable animals to hold out in air, by rarefaction made unfit for respiration — — <i>Boyle</i>	— 2045	
— Experiments shewing that air unfit for it may retain its wonted pressure — <i>Boyle</i>	— 2046	
— An experiment of a surprising change of colour, from a pale transparent or clear liquor, to a very blue ceruleous one, and that in an instant, by the admission of air only, applied to illu- strate some changes of colour, and other effects on the blood of respiring animals <i>Starke</i>	XVII 898	
— A discourse concerning some influence of respi- ration on the motion of the heart, hitherto unobserved — — <i>Drake</i>	XXIII 1217	V 253
— Experiments on the perforation of the thorax, and its effects on respiration <i>Houston</i>	XXXIX 230	IX 138
— Some experiments relating to respiration <i>Haller</i>	XLVI 325	XI 965
— Observations on respirations, and the use of the blood — — <i>Priestley</i>	LXVI 226	
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An account of the death of Mr. George William Richman, occasioned, by an electrical stroke collected from thunder, translated from the Dutch - <i>Anon.</i>	XLIX 61	
RIDING. An account of the death of Dr. Greene by a hurt in riding out - <i>Cameron</i>	XLIV 609	XI 1112
RIGHT-ASCENSION. Description of a method of measuring differences of right-ascension and declination, with Dollond's micrometer, together with other new applications of the same - <i>Maskeleyne</i>	LXI 536	
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RIVERS. (In general) A particular account of the origin of fountains, and to shew that the rain and snow waters are sufficient to make fountains run perpetually - <i>Anon.</i>	X 447	II 329
— An attempt to account for the rising and falling of the water of some ponds near the sea, on ebbing or flowing rivers; where the water is lowest in the pond, at the time of high water in the sea or river; and the water is the highest in the pond, at the time of low water in the sea or river; as also for the increasing or decreasing of the water of such pools or brooks as are highest in the dry seasons, and lowest in the rainy seasons; with an experiment to illustrate the solution of the phenomena - <i>Desaguliers</i>	XXXIII 132	VI 2 165
— An account of the use of furze in fencing the banks of rivers - <i>Wark</i>	LII 1	
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— A relation of the bad condition of the mountain- about the Tungarouse and Batavian rivers, having their source from thence, occasioned by the earthquake between the 4th and 5th of Jan. 1699, drawn up from the account given by Tommagan Porbo-Nata (who had been there) — <i>Anon.</i>	XXII 595	II 419
— Part of a letter concerning the stocking the river Mene with oysters — <i>Rowland</i>	XXXI 250	VII 420
— An account of the river Niagara, taken at Albany, Oct. 10, 1721 — <i>Baraffar</i>	XXXII 69	VI 2 173
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— An account of the sinking of a river near Pontypool, in Monmouthshire, Jan. 1, 1756 <i>Matthews</i>	XLIX 547	
RIZZETTI. Experiment made in August, 1728. before the Royal Society, upon occasion of Signor Rizzetti's opticks, with an account of that book — <i>Desaguliers</i>	XXXV 607	VI 110
ROCHESTER. Vide <i>Inscription</i>		
ROCKS. A way to break easily and speedily the hardest rocks — <i>Du Son</i>	I 82	II 367
— Advertisement from Scotland, concerning the surface of the earth, stones, rocks, &c. — <i>Beal</i>	X 337	— 368
— A lettter concerning a new method of cleaving rocks — <i>Beaumont</i>	XV 854	
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— A further account of some rock-plants growing in the lead mines of Mendip Hills <i>Beaumont</i>	XIII 276	II 503
ROCKETS. Observations on the heights to which rockets ascend — <i>Robins</i>	XLVI 131	X 201
— Some experiments in order to discover the height to which rockets may be made to ascend, and to what distance their light may be seen <i>Elicott</i>	— 578	— 202
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— Miscellaneous observations made about Rome, Naples, and some other countries, in 1683 and 1684 - - - <i>Robinson</i>	XXIX 473	V 2 142
— Account of an extraordinary heat observed at Rome in the summer, 1768 - <i>Byres</i>	LVIII 337	
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RONDELETIUS. An account of the dissection of a porpoise, with some observations omitted by Rondeletius - - - <i>Ray</i>	VI 2274	II 839
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— Experiments and observations in an heated-room <i>Blagden</i>	LXV 111	
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ROOTS (Mathematics.) Of the number of roots in several equations, their power and use <i>Halley</i>	XVI 387	I 68
— A new and accurate method of finding the roots of equations of every kind without previous reduction - - - <i>Halley</i>	XVIII 136	— 81
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— Directions for making a machine for finding the roots of equations universally, with the manner of using it	<i>Campbell</i> XXXV 515	VI 9
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ROOTS OF PLANTS. Observations concerning quicksilver found at the roots of plants	<i>Septalius</i> II 493	II 425
— Two observations, the one concerning the effects of a poisonous root, the other concerning the virtues of the leaves of hemlock	<i>Ray</i> XIX 364	
— Observations on the roots of vegetables	<i>Leeuwenhoek</i> — 790	III 685
— A letter giving some account of the roots used by the Indians, in the neighbourhood of Hudson's Bay, to dye porcupine quills	<i>Forster</i> LXII 54	
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ROSIN. The way of making pitch, tar, rosin, and turpentine near Marcellles	<i>Bent</i> XX 291	
ROTATION. A new theory of the rotatory motion of bodies affected by forces disturbing such motion	<i>London</i> LXVII 266	
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ROUND WORM. Lumbricus teres, or some anatomical observations on the round worm bred in human bodies	<i>Tyson</i> XIII 154	III 130
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RUMINATING MAN. An account of a ruminating man, lately living at Bristol	<i>Slare</i> XVII 525	III 110
RUMSEY. See <i>Figures, Inscription</i>		
RUNIC CHARACTER. An explanation of the Runic characters of Helsingland	<i>Celsus</i> XL 7	IX 438
RUPTURE. Account of an unusual rupture of the mesentery	<i>Swammerdam</i> X 273	III 118
— An account of what appeared most remarkable on opening the body of Anne Edwards, who died Jan. 5, 1729-30, having a large umbilical rupture	<i>Ranby</i> XXXVII 221	VII 516

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— An account of a rupture in the ileum, occasioned by a bruise without any wound <i>Wolfius</i>	XL 61	IX 160
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RUSSIA. Proposals for the improvement of the history of Russia, by publishing from time to time, separate pieces, to serve for a collection of all sorts of memoirs relating to the transactions and state of that nation <i>Muller</i>	XXXVIII 136	IX 399
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— An account of the disease, called ergot in French, from its supposed cause, viz. vitiated rye <i>Tiffot</i>	LV 105	
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SACCUS. An uncommon dropsy from the want of a kidney; and a large saccus that contained the water <i>Glass</i>	XLIV 337	XI 1027
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mining water as to freshness and saltness; to be subjoined as an appendix to his printed letter about sweetned sea water <i>Boyle</i>	XVII 627	— 298
SEA WATER. An account of Mr. Appleby's process to make sea water fresh; with some experiments therewith <i>W. Walsen</i>	XLVIII 69	
— An account of the distilling water fresh from sea water by wood ashes <i>Chapman</i>	L 635	
— Case of a young lady who drank sea water for an inflammation and tumour in the upper lip <i>Livingston</i>	LV 6	
— Experiments on water obtained from the melted ice of sea water, to ascertain whether it be fresh or not; and to determine its specific gravity with respect to other water; also experiments to find the degree of cold in which sea water begins to freeze <i>Nairne</i>	LXVI 249	
SEA. (Instruments used at) Patterns of the tables proposed to be made for observing the tides promised in the foregoing transactions <i>Moray</i>	I 311	II 365
With other enquiries touching the sea <i>Boyle</i>	— 315	— 297
— Observations about load-stones and sea-compasses <i>Oldenburg</i>	II 423	I 584
— Answer to some magnetical enquiries proposed in the above observations <i>Sellers</i>	— 478	II 601
— An account of a machine for measuring any depth at the sea with great expedition and certainty <i>Hales and Desaguliers</i>	XXXV 559	VI 2 163
— A proposal of a method for finding the longitude at sea, within a degree, or twenty leagues; with an account of the progress he hath made therein, by a continued series of accurate observations of the moon <i>Halley</i>	XXXVII 185	VI 401
— A description of a water-level to be fixed to Davis's quadrant, whereby an observation may be taken at sea, in thick and hazy weather without seeing the horizon <i>Leigh</i>	XL 413	VIII 360
— The description and use of an apparatus, added as an improvement of Davis's quadrant, consisting of a mercurial level, for taking the co-altitude of sun, or star at sea, without the usual assistance of the sensible horizon which frequently is obscured <i>Leigh</i>	— 417	— 362
— A true copy of a paper found in the hand-writing of Sir Isaac Newton, among the papers of the late Dr. Halley, describing an instrument		

for

	Transl.	Abridg.
for observing the moon's distance from the fixed stars at sea - - - <i>Anon.</i>	XLII 155	VIII 129
SEA. (Instruments used at) A machine for sounding the sea at any depth or in any part, invented by Mr. William Cock in the year 1738. <i>Anon.</i>	XLIV 146	X 261
— An account of the bucket sea-gage to find the different degrees of coolness and saltness of the sea - - - <i>Halley</i>	XLVII 214	
— Some experiments upon a machine for measuring the way of a ship at sea - - - <i>Smeaton</i>	XLVIII 532	
— A letter containing the result of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St. Helena, in order to determine the longitude of the ship, from time to time, together with the whole process of computation used on this occasion - - - <i>Moskelyne</i>	LH 558	
— Letter giving an account of observations at sea for finding out the longitude by the moon - - - <i>Horsely</i>	LIV 329	
SEAMEN Directions for seamen bound for far voyages - - - <i>Royal Society</i>	I 140	III 631
An appendix to the directions - - - <i>Royal Society</i>	— 147	
— A list of all the seamen and watermen of every denomination in Ireland in 1697. <i>South</i>	XXII 519	— 666
SECANTS. An easy demonstration of the analogy of the logarithmic tangents to the meridian line, or sum of the secants, with various methods for computing the same to the utmost exactness - - - <i>Halley</i>	XIX 202	I 577
— Letter containing an explanation of the late Dr. Halley's demonstration of the analogy of the logarithmic tangents to the meridian line, or the sum of the secants - - - <i>Robertson</i>	XLVI 559	X 256
SECRETION. Letter concerning secretions in an animal body - - - <i>Morland</i>	XXIII 1291	
SEED (In general.) Instances shewing the correspondence of the pith and timber, with the seed of the plant; as also of the bark, or sap in the bark, with the pulp of the fruit, or some encompassing coat or cod containing the seed - - - <i>Beal</i>	IV 919	II 710
— Letter concerning the seed of plants - - - <i>Josephus de Aromatoris</i>	XVIII 150	
— Observations upon the seeds of plants - - - <i>Leeuwenhoek</i>	XXXI 200	VI 2 234

SEED.

	Transf.	Abridg.
SEEDS. A method of raising some exotick seeds which have been judged almost impossible to be raised in England - - - <i>Miller</i>	XXXV 485	VI 2 353
— Some experiments concerning the impregnation of the seeds of plants - - - <i>Logan</i>	XXXIX 192	VIII 804
— The discovery of a perfect plant in semine - - - <i>Baker</i>	XLI 448	— 806
— A letter concerning the wonderful increase of seed of plants, <i>e. g.</i> of the upright willow - - - <i>Hobson</i>	XLII 320	— 824
— Some observations relating to vegetable seeds - - - <i>Parsons</i>	XLIII 184	X 750
— Observations upon the minuteness of some seeds of plants - - - <i>Baker</i>	XLVI 336	
— An account of some experiments relating to the preservation of seeds - - - <i>Ellis</i>	LI 206	
— A letter on the success of some experiments for preserving acorns for a whole year without planting them, so as to be in a state fit for vegetation, with a view to bring over some of the most valuable seeds from the East-Indies, to plant for the benefit of our American colonies - - - <i>Ellis</i>	LVIII 75	
SEEDS (particular.) An extract of a letter concerning the propagation of elms by seed - - - <i>Bulkeley</i>	XVII 971	II 667
— Microscopical observations on cels, mites, the seeds of figs, strawberries, &c. - - - <i>Leeuwenhoek</i>	XIX 269	III 685
— Letter concerning the seeds of oranges - - - <i>Leeuwenhoek</i>	XXIII 1461	V 2 266
— Observations on the seed vessels and seeds of polypodium - - - <i>Leeuwenhoek</i>	XXIV 1868	— 267
— Microscopical observations on the seeds of several East-India plants - - - <i>Leeuwenhoek</i>	XXV 2205	— — —
— A letter concerning the seed of fern - - - <i>Miles</i>	XLI 770	VIII 809
— A letter concerning the vegetation of melon seed 42 years old - - - <i>Trievald</i>	XLII 115	— 824
— A letter concerning the seeds of mushrooms - - - <i>Pickering</i>	— 593	— 812
— Letter concerning the vegetation of melon seed 33 years old - - - <i>Watson</i>	— 599	— 815
— A letter concerning the manner of seeding mosses; and in particular of the hypnum terrestre trichoides luteo virescens vulgare majus capitulis erectis, Raii Synops: ed. 3, p. 84 - - - <i>Gale</i>	XLIII 265	X 761
— Letter concerning the seeds of mushrooms - - - <i>Hill</i>	XLIV 60	— 758

	Transf.	Abridg.
SEEDS. The substance of some experiments of planting the seeds of moss - <i>Bonnet</i>	XLV 156	X 795
SEMRADOR. Description of the Spanish Sembrador or new engine for ploughing, and equal sowing all sorts of grain, and, harrowing at once, by which a great quantity of seed-corn is saved, and a rich increase yearly gained <i>Lucatelb and Evelyn</i>	V 1056	
SEMEN. Animalculæ observed in semine humano <i>Leeuwenhoek</i>	XII 1040	
Answered by - <i>Oldenburg</i>	— 1043	
Answered by - <i>Leeuwenhoek</i>	— 1044	
With extracts from other letters <i>Leeuwenhoek</i>	— 1045	
— Microscopical examination of the testicles of a rat, and the seed of muscles, oysters, &c. <i>Leeuwenhoek</i>	XVII 593	III 685
— Answer to the objections made to his opinions concerning the animalculæ in semine masculino <i>Leeuwenhoek</i>	XXI 270	— 686
Further observations on the animalculæ in semine masculino - <i>Leeuwenhoek</i>	XXII 739	
— Several microscopical observations and experiments concerning the animalculæ in semine masculino of cocks and spiders <i>Leeuwenhoek</i>	XXIII 1137	V 2 264
— Part of a letter containing some microscopical observations upon the animalculæ in semine of young rams - <i>Leeuwenhoek</i>	XXVII 316	— - 267
— A letter containing observations upon the seminal vessels, muscular fibres, and blood of whales - <i>Leeuwenhoek</i>	— 438	— - —
— Observationes de viis seminis - <i>Haller</i>	XLVI 340	XI 109
SENEGAMBIA. Remarks on the country of Senegambia - <i>Schott.</i>	LXX 478	
SENSE. A further account concerning the existence of veins in all kinds of plants, together with a discovery of the membranous substance of those veins, and of some acts in plants resembling those of sense; and also of the agreement of the venal juice in vegetables, with the blood of animals, &c. - <i>Lifter</i>	VII 5131	II 693
SEPULCHRE. The verbal process upon the discovery of an antient sepulchre, in the village of Cocherel, upon the river Eure, in France <i>Anon.</i>	XVI 221	III 443
— A copy of an antient chirograph, or convey-		

	Trans.	Abridg.
ance of part of a sepulchre cut in marble, lately brought from Rome, with some observations upon it - <i>R. Gale</i>	XXXIX 211	IX 433
SEPULCHRAL INSCRIPTIONS. An attempt to explain two Roman inscriptions, cut upon two altars, which were dug up some time since at Bath - <i>Ward</i>	XLIV 285	XI 1021
— An account of several Roman sepulchral inscriptions and figures in bas relief, discovered in 1755, at Bohn, in Lower Germany - <i>Strange</i>	LIX 195	
SEPULCHRAL MONUMENTS. Vide <i>Antiquities</i>		
SERAPIS. An account of the temple of Serapis at Pozzuoli, in Naples - <i>Nixon</i>	L 166	
SERIES. A solution of the 15th general problem proposed by Mr. de Moivre, in his treatise <i>De Mensura Sortis</i> - <i>Bernoulli</i>	XXXIX 133	V 2 255
Another general solution of the preceding problem, with the assistance of combinations and infinite series - <i>De Moivre</i>	— 145	— - 266
— A treatise of infinite series - <i>Monmort</i>	XXX 633	IV 90
Appendix, in which the matter is treated in a different manner - <i>Taylor</i>	— 676	— 130
An addition - <i>Taylor</i>	— 683	— 135
— Of the fluents of multinomials and series affected by radical signs which do not begin to converge till after the second term - <i>Simpson</i>	XLV 328	X 1
— An invention of a general method for determining the sum of every 2d, 3d, 4th, or 5th, &c. term of a series, taken in order, the sum of the whole being known - <i>Simpson</i>	L 757	
— A new method of computing the sums of certain series - <i>Landen</i>	LI 553	
— A new and general method of finding simple and quickly converging series; by which the proportion of a diameter of a circle to its circumference may easily be computed to a great number of places of figures - <i>Hutton</i>	LXVI 476	
— A method of finding the value of an infinite series of decreasing quantities of a certain form, when it converges too slowly to be summed in the common way, by the mere computation and addition or subtraction of some of its initial terms - <i>Masfres</i>	LXVII 187	
— A method of finding by the help of Sir Isaac		

	Trans.	Abridg.
Newton's binomial theorem, & near value of the very slowly converging infinite series $x + \frac{x^2}{2} + \frac{x^3}{3} + \frac{x^4}{4} + \frac{x^5}{5}$, &c. when x is very nearly equal to 1	<i>Masfres</i> LXVIII 895	
SERIES. Of cubic equations and infinite series	<i>Hutton</i> LXX 387	
SERPENT. Of the nature of a certain stone found in the Indies, in the head of a serpent		
— Observations touching the bodies of snakes and vipers	<i>Vernati</i> I 102	II 814
— A relation of the symptoms that attended the death of Mr. R. Burdett, an English merchant at Aleppo, who was killed by the bite of a serpent	<i>Oldenburg</i> — 138	— 811
— An account of the serpents in the Island of Ceilan	<i>Goodyear</i> XX 351	— 813
— Account of serpents at the Philippines	<i>Strachan</i> XXIII 1094	V 2 179
— Letter from Bombay, giving an account of a porcupine swallowed by a snake	<i>Camelli</i> XXV 2266	V 183
— A letter concerning the property of water erts, in slipping off their skins as serpents do	<i>Anon.</i> XLIII 271	XI 855
SERPENT STONE. A letter containing accounts of the pretended serpent stone, called Pietra de Cobra de Cabelos	<i>Baker</i> XLIV 529	— 857
SERUM. An observation of a white liquor, resembling milk, which appeared instead of serum, separated from the blood after it had stood some time	<i>Sloane</i> XLVI 118	— 910
SEX. Observations of a difference of sex in mistleto	<i>Stuart</i> XXXIX 289	IX 193
— Account of a monstrous foetus without any marks of sex	<i>Barrell</i> XXXV 547	VI 2 251
SHARK. An account of the blue shark, together with a drawing of the same	<i>Bafler</i> XLVI 479	XI 1208
SHEEP. Method to prevent the rot in sheep	<i>W. Watson, jun.</i> LXVIII 789	
— Some inquiries and suggestions concerning salt for domestic uses; and concerning sheep, to preserve them, and to improve the race of sheep for hardiness, and for the finest drapery	<i>Boyle</i> VIII 7002	
— An account of a lamb suckled by a wether sheep for several months after the death of the ewe	<i>Beal</i> IX 48	II 912
Second letter on the same	<i>Kirke</i> XVIII 263	— 869
	<i>Kirke</i> — 264	
		SHEEP.

	Transf.	Abridg.
SHEEP. Letter concerning the worms in sheep's livers <i>Leeuwenhoek</i>	XXII 509	III 688
— Part of a letter concerning worms observed in sheep's livers and pasture grounds <i>Leeuwenhoek</i>	XXIV 1522	V 2 266
— A letter concerning worms in the heads of sheep <i>Thorpe</i>	— 1800	V 16
— Of hydatides inclosed with a stony crust in the kidney of a sheep <i>Cowper</i>	XXV 2304	— 54
— Observations upon a foetus, and the parts of generation of a sheep <i>Leeuwenhoek</i>	XXXII 151	VII 445
— Extract of a letter concerning a wether giving suck to a lamb; and of a monstrous lamb <i>Doddridge</i>	XLV 502	IX 1218
— Some account of a sheep having a monstrous horn growing from his throat <i>Parsons</i>	XLIX 183	
SHELL. Observations upon shells found upon inland mountains <i>Septalius</i>	II 493	II 425
— Observations concerning the odd turn of some shell-shales <i>Anon.</i>	IV 1012	— 822
— Phenomena afforded by shell-fishes in an ex- hausted receiver <i>Boyle</i>	V 2023	I 304
— An abstract of a letter, giving an account of a shell found in one of the kidneys of a woman <i>Pierce</i>	XV 1018	III 162
— Some notes on Dr. Swammerdam's book of in- sects, and on that of Steno concerning petrified shells <i>Lifter</i>	VI 2219	II 765
— Observations upon Steno's book of petrified shells <i>Lifter</i>	— 2281	— 425
— Three queries relating to shells proposed by S. Dale, and answered by <i>Lifter</i>	XVII 641	III 312
— The description of certain shells found in the East-Indies <i>Wison and Lifter</i>	— 870	II 826
— An account of several shells observed in Scotland <i>Sibbald</i>	XIX 321	— 831
— A catalogue of shells, &c. gathered at the island of Ascension, with plants observed thereon <i>Cunningham</i>	XXI 295	III 685
— Letter concerning Broughton, in Lincolnshire, with observations on the shell-fish observed in the quarries about that place <i>De la Pryme</i>	XXII 677	II 252
— Account of beds of oyster-shells found near Reading, Berkshire <i>Brewer</i>	— 844	— 428
— A description of some shells found on the Mo- lucca Islands <i>Peliver</i>	— 9 27	IV 2 285

SHELL.

	Transf.	Abridg.
SHELL. A letter concerning Harwich Cliff, and the fossil shells found there	<i>Dale</i> XXIV 1568	IV 2 264
— An account of animals and shells sent from Carolina	<i>Petiver</i> — 1952	— 325
— A catalogue of fossils, shells, metals, minerals, &c. which J. J. Scheuchzer, of Zurich, sent to J. Petiver	<i>Anon</i> — 2042	— 286
— A catalogue of the minerals, petrified shells, and other fossils sent from C. M. Spenser, of Berlin to J. Petiver	— 2082	— —
— A letter containing a relation of river, and other shells, digged up, together with various vegetable bodies, in a bituminous marshy earth, near, Mear's Ashby, in Northamptonshire	<i>Morton</i> XXV 2210	— 181
— An account of some turbinated, bivalve, and univalve shells from the Philippines	<i>Camelli</i> — 2397	V 2 18
— An account of petrified shells by Corn. le Bruyn, illustrated by	<i>Klein</i> XLI 568	VII 735
— Observations on the hardness of shells	<i>Collinson</i> XLIII 37	XI 861
— A letter concerning the manuring of land with fossil shells	<i>Pickering</i> — 191	X 796
— A letter containing some observations upon certain shell-fish lodged in a large stone brought from Mahon harbour, by Mr. Samuel More	<i>Parsons</i> XLV 44	XI 862
— Letter concerning the shells of crabs	<i>Parsons</i> XLVII 439	
SHELL-LAC. An account of an experiment touching the freezing of common water tinged with a liquid said to be extracted from shell-lac	<i>Haukebee</i> XXVI 304	VI 2 182
SHELTON. Observations on a clock of Mr. John Shelton, made at St. Helena	<i>Maskeelyne</i> LII 434	
SHIELD. Letter concerning a Roman shield	<i>Tboresby</i> XX 205	
SHINING. Observations about shining worms in oysters	<i>Anon.</i> I 203	III 826
— Some observations about shining flesh	<i>Boyle</i> VII 5108	— 641
— Two instances of something remarkable in shining flesh	<i>Beal</i> XI 599	— 644
— An account of four sorts of facitious shining substances	<i>Oldenburg</i> XII 867	— 345
SHIPS. A letter about preserving ships from being worm-eaten	<i>Journal des Scavans</i> I 190	I 596

	Transf.	Abridg.
SHIPS. An account of the advantage of Virginia for building ships - - - <i>Anon.</i>	VIII 6015	III 255
— A new way, by an English manufacture, to preserve the hulls of ships from the worm, &c. better for sailing, and more cheap and durable, than any sheathing or graving hitherto used - - - <i>Bültsel</i>	— 6192	I 596
— An account of the manner of bending planks in his Majesty's yards at Deptford, &c. by a sand heat invented by Captain Cumberland - - - <i>Gay</i>	XXXII 75	VI 467
— An account of a new machine called the marine surveyor, contrived for the mensuration of the way of a ship in the sea, more correctly than by the log, or any other method hitherto used for that purpose, together with several testimonials setting forth the usefulness of this invention - - - <i>Saumarz</i>	XXXIII 411	VI 444
— A further account of a new machine called the marine surveyor, designed for the mensuration of the way of a ship at sea, more certainly than by the log, at present in use, or any other method hitherto invented for that purpose <i>De Saumarz</i>	XXXVI 45	— 456
— An account of the horn of a fish struck several inches into the side of a ship - - - <i>Mortimer</i>	XLI 861	IX 72
— Method of preventing ships from leaking, whose bottoms are eaten by the worms <i>Cook</i>	XLIII 370	XI 1391
— An account of the great benefit of ventilators, in many instances, in preserving the health and lives of people in slave and other transport ships - - - <i>Hales</i>	XLIV 332	
— Observations on the utility of ventilators in a ship - - - <i>Hales</i>	XLVII 211	
— Some experiment upon a machine for measuring the way of a ship at sea - - - <i>Smeaton</i>	XLVIII 532	
— An account of an extraordinary operation in the dock yard at Portsmouth - - - <i>Robertson</i>	L 288	
— Some suggestions concerning the preventing the mischiefs which happen to ships, and their masts, by lightning - - - <i>W. Watson</i>	LII 629	
— An account of the effects of lightning on three ships in the East-Indies, Aug. 1, 1750 <i>Vaich</i>	LIV 284	
— An account of the appearance of lightening on		

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a conductor, fixed from the summit of the main mast of a ship down to the water		
— An account of a method for the safe removal of ships that have been driven on shore and damaged in their bottoms, to places (however distant) for repairing them	<i>Winn</i> LX 188	
SHOE. See <i>Antiquities</i>		
SHOOTING. An account of an experiment of shooting by the rarefaction of the air	<i>Pepin</i> XVI 21	I 496
— Observations on the death of a dog on firing a volley of small shot	<i>Clarke</i> XIX 779	III 650
— A brief narrative of the shooting of Dr. Robert Fielding; with a musket ball, and its strange manner of coming out of his head, where it had lain near 30 years, written by himself	<i>Fielding</i> XXVI 317	V 205
— Case of a lad shot through the lungs, drawn up by N. Peters	<i>Hallatt</i> XLIII 151	XI 966
SHORT-HAND. The elements of a short-hand	<i>Jeake</i> XLV 345	XI 1381
— A letter containing some remarks on Mr. Jeake's plan for short-hand	<i>Byrom</i> — 388	— 1384
SHOULDER. The description of an instrument for reducing a dislocated shoulder	<i>Freke</i> XLII 556	IX 264
— An account of a case in which the upper head of the os humeri was sawed off, a large portion of the bone afterwards exfoliated, and yet the entire motion of the limb was preserved	<i>White</i> LVI 39	
— An extraordinary case of three pins swallowed by a girl, and discharged at the shoulder	<i>Lysons</i> LIX 9	
SHROPSHIRE. See <i>Coins</i>		
SHUTTLE. Account of a shuttle-spire taken out of the bladder of a boy	<i>Ardenon</i> XLIII 194	XI 951
SHWAN-PAN. An account of new invented arithmetical instruments, called a shwan-pan, or Chinese account table	<i>Smethurst</i> XLVI 22	X 13
SIBERIA. An account of some observations and experiments made in Siberia, extracted from the preface to the Flora Siberica, five historia plantarum Siberiæ cum tabulis ære incisæ auct. D. Gmelin	<i>Fothergill</i> XLV 248	XI 1333
— Account of the iron ore lately found in Siberia	<i>Pallas</i> LXVI 523	

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SIDON. A dissertation upon the Phœnician numeral characters antiently used at Sidon <i>Swinton</i>	L 791	
SIEVE. Κοσκινον Ερατοσθενους or the sieve of Eratosthenes, being an account of his method of finding all the prime numbers - <i>Horfeley</i>	LXII 327	
SIGHT. A letter concerning an optical experiment conducive to a decayed sight <i>Anon.</i> With another confirming the former, and adding some other observations about sight <i>Anon.</i>	III 727	III 41
And a note relating to the same <i>Anon.</i>	— 729	II 684
And another note about the same empty tubes <i>Anon.</i>	— 765	
— The use of telescopic sights in astronomical observations - <i>Hevelius</i>	— 802	
— Extracts from Mr. Gascoigne's and Mr. Crabtree's letters, proving Mr. Gascoigne to be the inventor of the telescopic sights of mathematical instruments, and not the French <i>Derham</i>	IX 27	I 221
— Observations on some deceptions of sight through compound microscopes <i>Gmelin</i>	XXX 603	IV 345
— An account of a remarkable imperfection of sight - - - <i>Scott</i>	XLIII 382	X 761
— See <i>Microscope, Telescope</i>	LXVIII 611	
SILCHESTER. A description of the town of Silchester in its present state - - <i>Ward</i>	XLV 603	XI 1267
SILK. Observations made on the ordering of silk-worms - - <i>Digges</i>	I 26	II 756
— Account of a book on the designed progress to be made in the breeding of silk-worms, and the making of silk in France - <i>Olaenburg</i>	— 87	
— A letter concerning an unusual way of propagating mulberry trees in Virginia, for the better improvement of the silk work; together with some particulars tending to the good of that plantation - <i>Moray</i>	I 201	— 653
— Of the nature of silk as it is made in Piedmont <i>Aglionby</i>	XXI 183	— 757
— A letter giving several experiments and observations on the production of silk worms, and of their silk in England, as made last summer <i>Barham</i>	XXX 1036	V 19
SILK-POD. An account of a particular species of cocoon, or silk-pod, from America <i>Pullein</i>	LI 54	

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SILK-REEL. A new improved silk-reel <i>Pullein</i>		
SILVER. A way of guilding gold upon silver <i>Southwell</i>	XX 296	III 657
— Observations on the dissolution of silver <i>Leeuwenhoek</i>	XXIII 1430	V 2 266
— Observations on staining the fingers with a solution of silver in aqua fortis <i>Leeuwenhoek</i>	XXIV 1794	— - 267
— Part of a letter concerning the particles of silver dissolved in aqua fortis <i>Leeuwenhoek</i>	XXV 2425	— - —
— A letter containing some microscopical observations upon the chrystalized particles of silver dissolved in aqua fortis <i>Leeuwenhoek</i>	XXVII 20	— - —
SIMPSON, MATTHEW. See <i>Stone</i>		
SINAI. A letter containing an account of his journey from Cairo, in Egypt, to the Written Mountains in the Defart of Sinai <i>Montagu</i>	LVI 40	
SINGING. An account of one who had no ear to music, naturally singing several tunes in a delirium <i>Doddridge</i>	XLIV 596	XI 1084
SINKING. An account of the subsiding or sinking down of a hill near Clogher, in Ireland <i>Bishop of Clogher</i>	XXVIII 267	IV 2 250
— Account of a very uncommon sinking of the earth near Folkestone in Kent <i>Sachetti</i>	XXIX 469	— - 248
— An account of the sinking of three oaks into the ground at Manington, in Norfolk <i>Neve</i>	XXX 766	— - 252
— An uncommon sinking of the ground at Lymne in Kent <i>Anon.</i>	XXXV 551	VI 2 203
— A narrative of an extraordinary sinking down and sliding away of some ground at Pardices near Auvergne <i>Anon.</i>	XLI 272	VIII 704
— An account of the sinking down of a piece of ground at Horsford, in Norfolk <i>Arderon</i>	XLIII 527	X 587
SINUOUS ULCERS. An account of the cure of two sinuous ulcers possessing the space of the whole arm, with the extraordinary supply of a callus, which fully answers the purposes of the os humeri, lost in time of cure <i>Fawler</i>	XXV 2466	V 388
SIPHON. A letter concerning the Wurtemberg engine <i>Davis</i>	XV 846	I 537
— The description of a siphon, performing the same things with the Siphon Wurtembergicus <i>Papin</i>	— 847	— 538
— Letter concerning the Siphon Wurtembergicus <i>Reisliius</i>	— 1272	— 539
SIRIUS. Some remarks on a late essay of Mr. Cassini,		

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STALACTITES. Account of a beautiful stalactites, now in the Museum of the Royal Society <i>Huxham</i>	XLIII 207	X 627
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— New observations made after a new and accurate way, of the farthest elongations of the Medicean stars from the center of Jupiter; together with some uncommon ones concerning the diameters of the planets, and their distances from fixed stars, as also of the parallax of Mars, in opposition to the sun and in perigee, &c. <i>Flamsteed</i>	— 6094	
— The longitudes, latitudes, right ascensions, and declinations of the chiefest fixed stars according to the observations of the ancients <i>Bernard</i>	XIV 567	
— A proposal concerning the parallax of the fixed stars, in reference to the earth's annual orb <i>Wallis</i>	XVII 844	
— Concerning the distance of the fixed stars <i>Roberts</i>	XVIII 101	I 233
— An instrument for seeing the sun, moon, or stars, pass the meridian of any place; useful for setting watches in all parts of the world with the greatest exactness, to correct sun-dials, to assist in the discovery of the longitude of places <i>Derham</i>	XXIV 1578	IV 464
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— Of the number, order, and light of the fixed stars <i>Halley</i>	— 24	— 148
— A letter giving an account of a new discovered motion of the fixed stars <i>Bradley</i>	XXXV 637	
— Observations of the appearances among the fixed stars, called Nebulous stars, owing to the motion of the earth, and the motion of light compounded together <i>Derham</i>	XXXVIII 70	VIII 132
— The description and use of an apparatus added as an improvement to Davis's quadrant, con-		

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— Remarks on the mutations of the stars <i>Barker</i>	LI 498	
— A letter containing the results of observations of the distance of the moon from the sun and fixed stars, made in a voyage from England to the island of St Helena, in order to determine the longitude of the ship from time to time, together with the whole process of computation used on the occasion - <i>Maskeelyne</i>	LII 558	
— Concise rules for computing the effects of re- fraction and parallax in varying the apparent distance of the moon from the sun or a star ; also an easy rule of approximation for com- puting the distance of the moon from a star, the longitude and latitude of both being given ; with demonstrations of the same <i>Maskeelyne</i>	LIV 263	
— An inquiry into the probable parallax and magnitude of the fixed stars, from the quantity of light which they afford us, and the par- ticular circumstances of their situation <i>Michell</i>	LVII 234	
STARS. (Particular) Observations of the star, called Nebulosa, in the girdle of Andromeda, and of the wondrous star in the neck of the Whale <i>Bullialdus</i>	II 459	I 251
— Observations on the new star near the beak of the Swan, and the other in the neck of the Whale - - - <i>Hevelius</i>	V 2023	— 304
— Account of a new one discovered in the constel- lation of the Swan in 1670 - <i>Hevelius</i>	— 2087	— 248
— Account from Paris of the earlier discovery of the same star - <i>Oldenburg</i>	— 2092	— —
— Further observations of the new star, near the beak of the Swan - - - <i>Hevelius</i>	VI 2197	— 250
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— The declinations of some southern stars of the first and second magnitude, June 1738, and the way of finding the hour of the night at sea from looking at the southern cross <i>La Condamine</i>	XLVI 139	X 53
— Astronomical observation on the periodical star in Collo Ceti - - - - - <i>Herschel</i>	LXX 338	
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— Letter concerning the appulses of the moon for 1673, and the other planets to the fixed stars, together with an observation of the planet Mars - - - - - <i>Flamsteed</i>	VII 5118	— 424
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— A new method of calculating the eclipses, particularly of the earth, and of any appulses of the moon to planets and fixed stars <i>Gersten</i>	XLIII 22	X 55
STAR. (Occultation) Observations on a total eclipse of the moon, Jan. 11, 1675, with the occultations of certain fixed stars <i>Hevelius</i>	X 289	I 310
— An account of an occultation of a fixed star by the moon, Feb. 29 - - - - - <i>Cassini</i>	XI 564	— 349
— An occultation of Mars and certain fixed stars observed at Dantzick, Sept. 1, 1676 <i>Hevelius</i>	— 721	— 350
— Observations on the occultation of fixed stars in 1683, at Dantzick - - - - - <i>Hevelius</i>	XIII 331	
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— An account of the stellar fish, formerly de- scribed p. 1153, with the addition of some other curiosities - - - <i>Willoughby</i>	VI 2221	II 832
— An account of an echinus, or star-fish, with a jointed stem, taken on the coast of Bar- badoes, which explains to what kind of ani- mals those fossils belong, called star stones, asterizæ, and astropodia, which have been found in many parts of this kingdom <i>Mendes da Costa</i>	LII 357	
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— Extracts from two letters of Dr. John Lining, of Charles-Town, South Carolina, giving an account of statical experiments made on him- self for one whole year, accompanied with me- teorological observations, and fix general tables <i>Lining</i>	XLII 491	IX 276
— Letter serving to accompany some additions to his statical experiments - - - <i>Lining</i>	XLIII 318	XI 1350
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— An account of an experiment, by which it appears that salt of steel does not enter into the lacteal vessels; with remarks <i>Wright</i>	L 594	

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STENO. Some notes on Dr. Swammerdam's book of insects, and on that of Steno, concerning petrified shells <i>Lister</i>	VI 2219	I 216
STEVIN. An explanation of an obscure passage in Albert Gerard's commentary upon S. Stevin's works <i>Simpson</i>	XLEVIII 368	
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STOMACH. Observations of a large bed of glands observed in the stomach of a pike <i>Musgrave</i>	XIV 699	III 93
— An extraordinary cure of a horse that was staked into his stomach <i>Wallis</i>	XIX 118	
— Cure of a person who swallowed a knife which lay in his stomach a year and 7 months, and then worked out at an aposthem on his breast <i>Sloane</i>	— 120	
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— A letter concerning two cases of wounds in the stomach <i>Field</i>	XXXII 78	VII 508
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— Letter relating to the villi of the stomach of oxen, and the expansion of the cuticle through the ductus alimentalis <i>Price</i>	— 532	VI 441
— A case of a stricture in the middle of the stomach in a girl, dividing it into two bags <i>Amyand</i>	XXXVII 258	VII 508
— An observation of the immoderate and fatal use of crab-stones, and such-like absorbent earths, and from whence have proceeded stones in the stomach and reins <i>Breyniu</i>	XLI 557	IX 171
— The case of Mr. Smith, surgeon, at Sudbury, in Suffolk; the coats of whose stomach were changed into an almost cartilagenous substance <i>Murdock</i>	XLVI 39	
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— Of the nature of a certain stone, found in the Indies, in the head of a serpent <i>Vernati</i>	— 102	— 814
— A relation of worms that eat out stones <i>De la Vaye</i>	— 321	— 787
— A Description of a Swedish stone, which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	— 375	— 501
— Instances, hints, and applications relating to stones of divers kinds, &c. <i>Beale</i>	IV 1135	— 148
— Account of some stone-quarries in Hungary <i>Brown</i>	V 1044	— 339
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— A description of certain stones figured like plants, and, by some observing men, esteemed to be plants petrified <i>Lifter</i>	VIII 6181	— 493
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— A letter concerning some formed stones found at Hunton, in Kent <i>Hatley</i>	XIV 463	— 426
— A refraction of the 7th and last paragraph of Mr. W. Molyneaux's letter, vol. XIV. p. 552, concerning Lough-Neagh stone, and its non-application to the magnet upon calcination <i>Molyneux</i>	— 820	— 323
— An account of an extraordinary tincture given to a stone <i>Reijel</i>	XVI 22	I 604
— An account of the making pitch, tar, and oil out of a blackish stone in Shropshire <i>Ele</i>	XIX 544	
— Letter concerning several figured stones lately found by him <i>Lhwyl</i>	XX 279	II 511
— Account of a figured stone found in Wales; with a note on it by Hans Sloane <i>Lhwyl</i>	XXI 187	—
— An account of some stones and plants lately found in Scotland <i>Sibbald</i>	XXII 693	
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STONE, Microscopical observations on the pumice stone, coral, sponges, &c. <i>Leeuwenhoek</i>	XXIV 2158	VI 2 267
— A description of the several strata of earth, stones, coals, &c. found in a coal-pit, at the west end of Dudley, Staffordshire; to which is added a table of the specifick gravity of each stratum <i>Fettiplace and Hawkshe</i>	XXVII 541	IV 2 182
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— Remarks on stones of a regular figure found near Bagneres, in Gascony <i>Montesquieu</i>	XLIII 26	X 788
— An enquiry concerning the stone osteacolla <i>Beurverus</i>	— 373	— 602
— An account of perfect minute crystal stones <i>Parsons</i>	— 468	— 612
— A letter concerning an extraordinary fish, called in Russia, quab, and concerning the stones called crabs eyes <i>Baker</i>	XLV 174	XI 876
— Letter concerning a flat spheroidal stone, having lines regularly crossing it <i>Platt</i>	XLVI 534	X 638
— A description and figures of a small flat spheroidal stone, having lines formed upon it <i>Mortimer</i>	— 602	— 639
— An account of the impression on a stone dug up in the island of Antigua <i>Byam</i>	XLIX 295	
— A letter concerning the stones found in Antigua <i>Pond</i>	— 297	
— Remarks on the stones in the county of Nassau, and the territories of Treves and Colen, resembling those of the Giants Causeway, in Ireland <i>Trembly</i>	— 581	
— An account of a large stone near Cape-Town, with a letter from Sir William Hamilton, on having seen some pieces of the said stone <i>Anderfon</i>	LXVIII 102	
STONE. (Disorder so called) Account of a great number of stones found in one bladder <i>Goodrick</i>	II 482	III 149
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— Two observations about stones, one found in the bladder of a dog, the other fastened to the back-bone of a horse <i>Giornale de Letterati</i>	— 4094	— —
— A relation of an human body opened at Dantzick, and of 38 stones found in the bladder thereof <i>Kirkby</i>	VIII 6155	— 149
— An observation concerning some stones of a perfect gold-colour found in animals <i>Johnstons</i>	IX 9	— 166
— An account of several human calculus's of an unusual bigness <i>Garden</i>	XII 843	— 150
— Anatomical observations of an abcess in the liver, a great number of stones in the gall bag and bilious vessels, an unusual conformation of the emulgents and pelves, a strange construction of both kidneys, and a great dilatation of the vena cava <i>Tyson</i>	— 1035	— 81
— An abstract of a treatise on the calculus, in answer to several queries proposed by Sir John Hoskyns <i>Slare</i>	XIV 523	— 178
— With a postscript concerning two human calculi of unusual form and bigness <i>Slare</i>	— 534	—
— An account of a stone grown to an iron bodkin in the bladder of a boy <i>Lifter</i>	XV 882	— 162
— An abstract of a letter giving an account of stones voided by siege <i>Threapland</i>	— 961	— 160
— The description of a stone of the bladder <i>Anon.</i>	— 1015	— 150
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— Description of a large stone voided by urine <i>Anon.</i>	— 1269	— —
— An account of the case of Margaret Lower from the year 1681 <i>Konig</i>	XVI 94	— 170
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— Account of a stone of an extraordinary bigness, spontaneously voided though the urethra of a woman at Dublin <i>Mullineux</i>	XVII 817	— 151 — 182
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— An account of a stone of a prodigious size ex-		

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STONE. (Disorder) Of a stone found in the gall bladder of a woman - - - <i>J. T.</i>	— 111	— 159
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— An account of a stone of the bladder which weighed 51 ounces, or three pounds three ounces, and a stone out of the bladder which adhered to it - - - <i>Preston</i>	— 310	— 154
— An account of a gentleman's being cut for the stone in the kidney, with a brief inquiry into the antiquity and practice of nephrotomy <i>Anon.</i>	— 333	— 188
— Some additional remarks on the extracting the stone out of the bladder of those of the female sex - - - <i>Molyneux</i>	XX 11	— 184
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— An account of an extraordinary tumour in the knee of a person whose leg was taken off <i>Pierce</i>	XLI 56	— 271
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— A letter containing the description of a new invented instrument for the extirpation of tumours out of the reach of the surgeon's fingers <i>Le Cat</i>	XLVI 72	— 1084
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USNEA. An historical memoir concerning a genus of plants called lichen by Micheli, Haller, and Linnæus and comprehended by Dillenius under the terms usnea, coralloides, and lichnoides ;		

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— Account of a foetus lying without the uterus in the belly - - - <i>Savard</i>	XIX 314	III 214
— An account of an hydrops ovarii, with a new and exact figure of the glandulæ renales, and of the uterus in a puerpera <i>Douglas</i>	XXV 2317	V 294
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— Account of an extra-uterine foetus taken out of a woman, after death, that had continued five years and a half in the body <i>Houston</i>	— 450	— 54
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V.

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— An account of Virginia, its situation, temperature, productions, inhabitants, and their manner of planting and ordering tobacco, &c.	<i>Royal Society</i> VIII 6015	II 566
— Extract of four letters relating to the natural productions of Virginia	<i>Glaver</i> XI 623	III 566
— With an additional note	<i>Banister</i> XVII 667	II 822
— A letter giving an account of several observables in Virginia, and in his voyage thither, more particularly concerning the air	<i>Anon.</i> — 691	
Second letter of farther observations on Virginia	<i>Clayton</i> — 781	III 575
	<i>Clayton</i> — 790	
		VIRGINIA.

	Transf.	Abridg.
VIRGINIA. A continuation of the account of Virginia <i>Clayton</i>	XVII 941	III 581
— A letter giving a farther account of the soil, and other observables of Virginia <i>Clayton</i>	— 978	— 589
— A continuation of an account of Virginia <i>Clayton</i>	XVIII 121	— 592
— Answer to several queries of Dr. Grew's, in 1687, relating to Virginia <i>Clayton</i>	XLI 143	IX 465
VISCOUS SLIME. Letter giving an account of a viscous slime left after a flood in the territory of the Landgrave of Thuringue, with observations thereupon by Mr. Watfon - <i>Bofe</i>	XLVIII 358	
VISION. A new discovery touching vision <i>Mariotte</i>	III 668	
An answer - <i>Peequet</i>	— 669	
— Answer to Mr. Peequet, concerning the opi- nion that the choroeides is the principal organ of - <i>Mariotte</i>	V 1203	
— A continuation of a discourse about vision, with an examination of some late objections against it - <i>Briggs</i>	XIII 171	
— Two remarkable cases relating to vision <i>Briggs</i>	XIV 559	III 38
— Letter concerning a contumacious jaundice, ac- companied with a very odd case in vision <i>Dale</i>	XVIII 158	— 286
— See <i>Opticks</i>		
VITRIOL. Of the mineral of Liege, yielding both brimstone and vitriol, and the way of extract- ing them out of it used at Liege <i>Anon.</i>	I 45	II 530
— Account of a pond, in Somersetshire, so which pigeons resort but cattle will not drink at it <i>Anon.</i>	— 323	— 332
Further account of the (pond) vitriolate water, with some particulars touching water <i>Anon.</i>	— 359	—
— A description of a Swedish stone, which affords sulphur, vitriol, allum, and minium <i>Talbot</i>	— 375	— 531
— Some observations and experiments about vi- triol, tending to prove the nature of that sub- stance, and to give further light in the inquiry after the principles and properties of other mi- nerals - - -	IX 41	— 451
— A continuation of the discourse concerning vi- triol, shewing, that vitriol is usually produced by sulphur, acting on, and coagulating with a metal; and then making out, that allum is likewise the result of the said sulphur; as also		

	Transf.	Abridg.
evinced that vitriol, sulphur, and allum do agree in saline principles, and lastly declaring the nature of the salt in brimstone, and whence it is derived - - - <i>Anon.</i>	IX 66	II 544
— An account of the increase of weight in oil of vitriol, exposed to the air - - - <i>Gould</i>	XIV 496	— 534
— Of the origin of white vitriol and the figure of its chrystals, not yet accounted for - - - <i>Lifter</i>	XXI 331	— 537
VITRUM ANTIMONII CERATUM. Observations on the effects of the - - - <i>Geoffroy</i>	XLVII 273	
VITULUS MARINUS. Some account of the phoca, vitulus marinus, or sea calf, shewed in London 1743 - - - <i>Parsons</i>	XLII 383	IX 74
VITUS'S DANCE. An account of the cure of St. Vitus's Dance by electricity - - - <i>A. Potbergill</i>	LXIX 1	
VIVIPAROUS. An account of a kind of fly at this viviparous - - - <i>Lifter</i>	VI 2170	II 787
— Account of a fly that is viviparous - - - <i>Lifter</i>	XIV 592	— —
— A letter concerning the minute eels in-paste being viviparous - - - <i>Sherwood</i>	XLIV 67	XI 799
VOICE. An essay tending to make a probable conjecture of tempers by the modulation of the voice in ordinary discourse - - - <i>Ent</i>	XII 1010	III 61
VOLATILE SALT. See <i>Salt</i>		
VOLCANO. An account of the upper part of the burning mountains in the isle of Ternata according to the view taken thereof - - - <i>Witzen</i>	XIX 42	II 392
— A farther relation of the horrible burning of some mountains of the Molucco islands - - - <i>Witzen</i>	— 529	— 394
— An account of a very odd eruption of fire out of a spot in the earth near Fierenzola in Italy - - - <i>St. Clair</i>	XX 378	— 385
— A letter containing some farther particulars on Mount Vesuvius, and other volcanos in the neighbourhood - - - <i>Hamilton</i>	LIX 18	
— An account of two Giants Causeways or Group of prismatic basaltine columns, and other curious volcanic concretions, in the Venetian states in Italy, with some remarks on the characters of these and other similar bodies, and on the physical geography of the countries in which they are found - - - <i>Strange</i>	LXV 5	
— An account of a Volcanic hill near Inverness - - - <i>West</i>	XVII 385	
— A letter giving an account of certain traces of		

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volcanos on the banks of the Rhine Sir <i>W. Hamilton</i>	LXVIII 1	
— See <i>Ætna, Vesuvius</i>		
VOLGA. A specimen of the natural history of the Volga — — — <i>Forster</i>	LVII 312	
— Some account of a new map of the river Vo'ga <i>Forster</i>	LVIII 214	
VOLUNTARIES. See <i>Musie</i>		
VOMIT. Extract of a letter containing some relations concerning odd worms vomited by children <i>Lifter</i>	X 391	III 135
VOMITING MEDICINES. The practice of purging and vomiting medicines, according to Dr. Cockburn's solution of his problem; with tables shewing their doses in particular ages and constitutions — — — <i>Cockburn</i>	XXVI 46	V 397
VORTICES. A physico-mathematical demonstration of the impossibility and insufficiency of vortices <i>Sigorgne</i>	XLI 409	VIII 378
VOYAGES. Directions for seamen bound for far voy- ages — — — <i>Royal Society</i>	I 140	III 631
— An appendix to the directions <i>Anon.</i>	— 147	II 257
— Observations made by a curious and learned person sailing from England to the Caribbee Islands — — — <i>Stubbes</i>	II 493	III 546
— An enlargement of the observations <i>Stubbes</i>	III 699	— 551
— The remainder of the observations in the same voyage — — — <i>Stubbes</i>	— 717	— 557
— Narrative of a voyage from Spain to Mexico, and of the minerals of that kingdom <i>Anon.</i>	— 817	II 588
— An account of a passage by sea to the East Indies <i>Smithson</i>	IV 1003	III 416
— A narrative of some observations made upon several voyages to find a way for sailing about the north to the East Indies, and for returning the same way from thence hither; together with instructions given by the Dutch East- India Company for the discovery of Jesso, near Japan; to which is added a relation of sailing through the northern America to the East-Indies — — — <i>Van Nierop</i>	IX 197	— 505
— A relation of a voyage from Aleppo to Palmyra in Syria — — — <i>Halifax</i>	XIX 83	— 489
— An extract of the journals of two several voyages of the English merchants of the factory of Aleppo, to Tadmor, anciently called Palmyra	— 129	— 492

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VOYAGES. Journal of a voyage from London to Constantinople, 1668 - <i>Smith</i>	XIX 597	
— An account of a voyage to Chusan in China, with a description of the island, of the several sorts of tea, of the fishing, agriculture of the Chinese, &c. with several observations not hitherto taken notice of <i>Cunningham</i>	XXIII 1201	V 2 171
— Journal of a voyage made by order of the Royal Society to Churchill River on the North West Coast of Hudson Bay; of thirteen months residence in that country; and of the voyage back to England, in 1768, 1769 <i>Wales</i>	LX 100	
— Two letters of a voyage to Bengal, with observations made there - <i>Rose</i>		
— Remarks and observations made on board the ship Kelfall, on a voyage to Judda and Mocha, in 1769 - <i>Newland</i>		
— The method taken for preserving the health of the crew of his Majesty's ship the Resolution during her late voyage round the world <i>Cook</i>	LXVI 402	
— Journal of a voyage to the East-Indies, in the ship Grenville, Burnet Abercrombie Captain, in the year 1775 - <i>Dalrymple</i>	LXVIII 389	
— Tract of his Majesty's armed brig Lion from England to Davis's Streights and Labrador, with observations for determining the longitude by sun and moon, and error of common reckoning; also the variation of the compass and dip of the needle as observed during the said voyage in 1776 - <i>Pickersgill</i>	— 1057	
VULTURE. An account of a prodigiously large feather of the bird cuntur, brought from Chili, and supposed to be a kind of vulture <i>Sleand</i>	XVIII 61	II 860

W.

	Transf.	Abridg.
WALES. A letter containing several observations in natural history made in his travels through Wales <i>Lbwyd</i>		
With a further account of birds mentioned in it <i>Lbwyd</i>	XXVII 462	V 34 V 2 117
Farther observations <i>Lbwyd</i>	— 466	V 34
— A letter giving a further account of what he met with remarkable in natural history, and antiquities in his travels through Wales <i>Lbwyd</i>	— 467	V 2 118
— Extracts of letters containing observations in natural history and antiquities in his travels through Wales and Scotland <i>Lbwyd</i>	— 500	— 120
WALL. Vide <i>Figures</i>	XXVIII 93	— —
WALLING. Vide <i>Antiquities</i>		
WALNUTS. Enquiries relating to the bleeding of walnut trees <i>Tonge</i>	V 1196	II 676 — 684
— Observations on <i>Willoughby</i>	— 1201	
— A description of a new kind of walnut tree discovered by <i>Reneauve</i>	XXII 908	IV 2 323
WALPOLE, HORACE. See <i>Stone</i>		
WARMING ROOMS. A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls <i>Cook</i>	XLIII 370	XI 1391
WASHES. A table of the washes in Lincolnshire <i>Merret</i>	XIX 392	II 267
WASPS. Observations about wasps, and the difference of their sexes <i>Derham</i>	XXXIII 53	VII 404
— An account of some very curious wasps nests made of clay in Pennsylvania <i>Bartram</i>	XLIII 363	XI 847
— A description of the great black wasp from Pennsylvania <i>Bartram</i>	XLVI 278	— 848
— Two letters from Cambridge in New England,		

concern-

	Transf.	Abridg.
concerning two small species of wasps		
WASPS. Some observations upon an American wasp's nest	<i>Harrison</i> XLVII 184	
— Observations on the yellowish wasp of Pennsylvania	<i>Mauduit</i> XLIX 205	
— An account of a singular species of wasp	<i>Collinson</i> LIII 37	
	<i>Felton</i> LIV 53	
WATCHES. A narrative concerning the success of pendulum watches at sea for the longitudes		
— Instructions concerning the use of pendulum-watches, for finding the longitude at sea ; together with a method of a journal for such watches	<i>Holmes</i> I 13	I 555
— An extract concerning very exact and portative watches	<i>Hugens</i> IV 937	— 547
— Extract of a letter concerning the principle of exactness in the portable watches of his invention	<i>Hugens</i> X 272	— 465
— An instrument for seeing the sun, moon, or stars pass the meridian of any place, useful for setting watches in all parts of the world with the greatest exactness, to correct sun dials, to assist in the discovery of the longitudes of places	<i>Leibnitz</i> — 285	I 466
— Account of advantages of a newly invented machine much varied in its effects, and very useful for determining the perfect proportion between different moveables acting by levers and wheel and pinion	<i>Derham</i> XXIV 1578	IV 464
WATERS. (Agitation of various) Twenty seven letters giving an account of an extraordinary and surprising agitation of the waters, Nov. 1, 1755, though without any perceptible motion of the earth, having been observed in various parts of this island, both maritime and inland on the same day, and chiefly about the time, that the more violent commotions of both earth and waters, so very extensively affected many very distant parts of the globe ; in many letters transmitted to the Society ; in which are specified the times and places when and where they happened	<i>Le Cerf</i> LXVIII 950	
Portsmouth	<i>Robertson</i> XLIX 351	
Sussex and Surry	<i>Webb</i> — 551	
Guildford	<i>Ades</i> — 353	
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		WATERS.

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WATERS. (Agitation of various)	Petworth	<i>Hodgson</i>	XLIX 358	
Cranbrook	-	<i>Tempest</i>	— 360	
Chevening	-	<i>Pringle</i>	— —	
Rotherish	-	<i>Mills</i>	— 361	
Peerless Poole, London	-	<i>Birch</i>	— 362	
Rochford, Essex	-	<i>Thomlinson</i>	— 364	
Reading	-	<i>Philips</i>	— 365	
Reading	-	<i>Blair</i>	— 367	
Sherburn Castle, Oxfordshire	-	<i>Parker</i>	— 368	
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bay, Penzance, &c.	-	<i>Huxham</i>	— 371	
Mount's bay	-	<i>Borlase</i>	— 373	
Swansey	-	<i>Blair</i>	— 379	
Norwich	-	<i>Arderon</i>	— 380	
Yarmouth	-	<i>Barber</i>	— —	
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Durham	-	<i>Cowper</i>	— 385	
Edinburgh	-	<i>Stevenson</i>	— 387	
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— An extract of a letter, with an account of an extraordinary agitation of the water in a small lake at Closeburn, in the shire of Dumfries, Feb. 1, 1756	-	<i>Kilpatrick</i>	— 521	
— Extract of a letter concerning an extraordinary motion in the waters in the lake Ontario in North America	-	<i>Belcher</i>	— 544	
— An account of the agitation of the waters on the 1st of November, 1755, in Scotland and Hamburg	-	<i>Pringle</i>	— 550	
— Extract of a letter relating to the agitation of the waters observed at Dartmouth, Nov. 1, 1755	-	<i>Holdsworth</i>	— 643	
— An account of the agitation of the sea at Antigua Nov. 1, 1755	-	<i>Affleck</i>	— 668	
— An account of the extraordinary agitation of the waters, in several ponds in Hertfordshire, Nov. 1, 1755	-	<i>Rutherford</i>	— 684	
— Some account of the extraordinary agitation of the waters in Mount's bay, and other places, on the 31st of March, 1761	-	<i>Borlase</i>	LII 418	
WATER. (Chemistry) Way of examining waters as				

to freshness and saltness	-	<i>Boyle</i>	Transf.	Abridg.
WATER. (Chemistry) Several experiments about giving variety of tinctures to water, &c.			XVII 627	II 298
— An account of the filtering stone of Mexico, and compared with other stones, by which it is shewn that it is of little or no use in purifying the waters which have passed through it		<i>Southwell</i>	XX 87	III 656
— An account of some trials to keep water and fish sweet with lime-water	-	<i>Vaterus</i>	XXXIX 106	VIII 728
— An account of some trials to sweeten stinking water	-	<i>Hales</i>	XLVIII 826	
— A letter on the solubility of iron in simple water by the intervention of fixed air	-	<i>Hales</i>	XLIX 339	
— The description of an apparatus for impregnating water with fixed air, and of the manner of conducting that process	-	<i>Lane</i>	LIX 216	
WATER, LIME. See <i>Lime</i>		<i>Nooth</i>	LXV 59	
WATER. (Gravity) An invention for estimating the weight of water in water, with ordinary balances and weights	-	<i>Boyle</i>	IV 1001	I 520
— A new experiment concerning an effect of the varying weight of the Atmosphere upon some bodies in the water	-	<i>Boyle</i>	VII 5156	II 204
— Some experiments and observations on the force of the pressure of the water at great depths		<i>Anon.</i>	XVII 504	I 521
— An extract of a letter giving an account of an experiment made in the bay of Biscay of the pressure of water at various depths on a bottle close corked, and of Lay Well which ebbs and flows	-	<i>Oliver</i>	XVII 908	— —
— An account of an experiment touching the proportion of the weight of air, to the weight of a like bulk of water, without knowing the quantity of either	-	<i>Hauksbee</i>	XXV 2221	IV 2 180
— An account of some experiments in relation to the weight of common water under different circumstances	-	<i>Hauksbee</i>	XXVI 221	
— An account of an experiment touching the different densities of common water from the greatest degrees of heat in our climate, to the freezing point, observed by a thermometer		<i>Hauksbee</i>	- 267	VI 2 181

WATER.

	Transf.	Abridg.
WATER. (Gravity) An account of some experiments in relation to the weight of common water under different circumstances - <i>Hauksbee</i>	XXVI 269	IV 2 181
— An experiment touching the weighing of bodies of the same species, but very unequal surfaces in common water, being of an equal weight in common air - <i>Hauksbee</i>	— 306	— 181
— The specific gravity of several metalline cubes, in comparison with their like bulks of water <i>Hauksbee</i>	XXVIII 521	
— A caution to be used in examining the specific gravity of solids by weighing them in water <i>Jurin</i>	XXXI 223	VI 327
— A course of experiments to ascertain the specific buoyancy of cork in different waters, the respective weights and buoyancy of salt water, and fresh water, and for determining the exact weight of human and other bodies in fluids - <i>Wilkinson</i>	LV 95	
WATER. (Hydraulics) A way of producing wind, by the fall of water <i>Pope</i>	I 21	I 498
— Undertaking for raising of water <i>Moreland</i>	IX 25	— 537
— A new way of raising water <i>Papin</i>	XV 1093	— 539
— Letter concerning Dr. Papin's way of raising water - <i>Vincent</i>	— 1238	—
— Letter concerning Dr. Papin's new water engine - <i>Tenon</i>	— 1254	—
— A full description, with the use, of a new contrivance for raising water - <i>Papin</i>	— 1274	— 450
— Answer to several objections made by Mr. Nuis against his engine for raising water by the rarefaction of the air - <i>Papin</i>	XVI 263	— 542
— An account of the motion of running water <i>Jurin</i>	XXX 748	IV 435
— A description of an engine to raise water by help of quicksilver, invented by Haskins, and improved by Defaguliers - <i>Anon.</i>	XXXII 5	VI 352
— A defence of the dissertation on the motion of running water against the animadversions of P. A. Michelotti - <i>Jurin</i>	— 179	— 431
— An account of several experiments concerning the running of water in pipes, as it is retarded by friction and intermixed air, with a description of a new machine, whereby pipes may be cleared of air, as the water runs along, without stand-pipes, or the help of any hand <i>Defaguliers</i>	XXXIV 77	— 347
		WATER

	Transf.	Abridg.
WATER (Hydraulics) A description of the water-works at London Bridge - <i>Beighton</i>	XXXVII 5	VI 3 58
— An account of a new engine for raising water by horses - <i>Churchman</i>	XXXVIII 402	VIII 322
— Of the measure and motion of running waters <i>Jurin</i>	XLI 5	— 282
With the conclusion - <i>Jurin</i>	— 65	
— A narrative of a new invention of expanding fluids by their being conveyed into certain ignited vessels, where they are immediately rarified into an elastic impelling force sufficient to give motion to hydraulo-pneumatical and other engines for raising of water and other uses, &c. <i>Payne</i>	XLI 821	VIII 638
— Part of a letter containing a description of a water-wheel for mills, invented by Mr. Philip Williams - <i>Arderon</i>	XLIV 1	X 247
— A description of a clepsydra, or water clock <i>Hamilton</i>	— 171	— 428
— An experimental enquiry, concerning the natural powers of water and wind to turn mills, and other machines depending on a circular motion - <i>Smeaton</i>	LI 100	
— Problems concerning the fall of water under bridges, applied to the fall under London and Westminster Bridges - <i>Robertson</i>	L 492	
— Short and easy methods for finding the quantity and weight of water contained in a full pipe of any given height and diameter of bore, and consequently to find what degree of power would be required to work a common pump, or any other hydraulic engine, when the diameter of the pump bore, and the height to which the water is to be raised, are given <i>Ferguson</i>	LV 61	
— A memoir concerning the most advantageous construction of water-wheels, &c. <i>Mallet</i>	LVII 372	
— An account of a machine for raising water, executed at Oulton in Cheshire, in 1772 <i>Whitehurst</i>	LXV 277	
WATER. (Medicine) An account of what happened on syringing warm water into the thorax of a bitch - <i>Musgrave</i>	XX 181	III 78
— The art of living under water; or a discourse concerning the means of furnishing air at the bottom of the sea in any ordinary depths <i>Halley</i>	XXIX 492	IV 2 188

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WATER (Medicine) An addition to the description of the art of living under water - <i>Rogers</i>	XXXI 177	VI 350
— Of the use of cold water in fevers - <i>Cyrrillus</i>	XXXVI 142	VII 635
— Relation of a girl three years old, who remained a quarter of an hour under water without drowning - <i>Green</i>	XLI 166	IX 241
— Case of a large quantity of matter or water contained in cystis or bags adhering to the peritoneum, and not communicating with the cavity of the abdomen - <i>Graham</i>	— 708	— 187
— A letter concerning a man who lived eighteen years on water - <i>Campbell</i>	XLII 240	— 238
— An account of an extraordinary cystis in the liver, full of water - <i>Fernegan</i>	XLIII 305	XI 971
— A proposal for warming rooms by the steam of boiling water conveyed in pipes along the walls - <i>Cook</i>	— 370	— 1391
— Account of the airs extracted from different kinds of waters, with thoughts on the salubrity of the air at different places - <i>Fontana</i>	LXIX 432	—
WATERS (Mineral.) Account of a pond in Somershire to which pigeons resort, but cattle will not drink at it - <i>Anon.</i>	I 332	II 332
Further account of the (pond) vitriolate water, with some particulars touching waters - <i>Anon.</i>	— 359	—
— An account of some sanative waters in Herefordshire - <i>Beale</i>	— 358	—
— An answer to the hydrologia chymica of Mr. W. Simpson - <i>Wittie</i>	IV 999	—
The answer enlarged - <i>Wittie</i>	— 1038	—
— Some reflections made on the enlarged account of Dr. Wittie's answer to hydrologia chymica, chiefly concerning the cause of the sudden loss of the virtues of mineral waters - <i>Foot</i>	— 1050	— 365
— Some considerations relating to Dr. Wittie's defence of Scarborough Spaw, with an account of a salt spring in Somersetshire, and of a medical spring in Dorsetshire - <i>Highmore</i>	— 1128	—
— Discourse relating to the notes of Dr. Foot in vol. IV. 1050, and of Dr. Highmore in vol. IV. 1128, concerning mineral waters, and extracts made out of them - <i>Wittie</i>	V 1074	—
— Advertisements concerning springs, waters, petrifying and metallizing waters, &c. - <i>Beal</i>	X 357	—
— Some queries whereby to examine mineral waters - <i>Petty</i>	XIV 802	—

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WATER (Mineral) Two letters concerning some mineral waters - - - <i>Cay</i>	XX 365	
— Observations on rain-water - <i>Leeuwenhoek</i>	XXIII 1152	
— A short account of the nature and virtues of the Pyrmont waters, with some observations on their chalybeate qualities <i>Slare</i>	XXX 564	IV 2 201
— An historico-physical observation on the brats waters of Nisfol commonly called cement-watzer, changing iron to brats <i>Belius</i>	XL 351	VIII 645
— An examination of the Chilternham mineral water, which may serve as a method in general for examining mineral waters <i>Seckenburg</i>	XLI 830	— 650
— Experiments by way of analysis upon the water of the Dead Sea, upon the hot spring near Tiberiades, and upon Hamman Pharoan water - - - <i>Perry</i>	XLII 48	— 643
— An account of the Carlsbad mineral waters in Bohemia - - - <i>Milles</i>	L 25	
— Thoughts on the different impregnations of mineral waters; more particularly concerning the existence of sulphur in some of them <i>Rutty</i>	LI 275	
— Extract of an essay entituled, On the uses of a knowledge of mineral exhalations when applied to discover the principles and properties of mineral waters, the nature of burning fountains, and of those poisonous lakes which the antients called Avernî <i>Brownrigg</i>	LV 236	
— Experiments on Rathbone-Place water <i>Cavendish</i>	LVII 92	
— An account of the sulphureous mineral waters of Castle-Loed and Fairburn in the county of Ross, and of the salt purging water of Pitkeathly in the county of Perth, in Scotland <i>Monro</i>	LXII 15	
— Continuation of an experimental inquiry concerning the nature of the mineral elastic spirit or, air contained in the Pouchon water, and other acidulæ - - - <i>Brownrigg</i>	LXIV 357	
— See <i>Baths, Birch, Sea, Spout</i>		
WATER. (Natural history) Of a place in England, where, without petrifying water, wood is turned into stone - - - <i>Boyle</i>	I 101	II 325
— The causes of mineral springs further inquired into and the strange and secret changes of liquors, examined - - - <i>Beale</i>	IV 1131	— 712
— A particular account of the origin of fountains		

	Transf.	Abridg.
and to shew that the rain and snow waters are sufficient to make fountains and rivers run perpetually - - - <i>Anon.</i>	X 447	II 329
WATER (Natural history) Observations concerning some little animals observed in rain, well, sea, and snow water; as also in water where pepper had lain infused - <i>Leeuwenhoek</i>	XII 821	III 683
With the manner of observing them <i>Leeuwenhoek</i>	— 844	— —
— Experiments and observations about the natron of Egypt, and the Nitrian water <i>Leigh</i>	XIV 609	II 525
— Several observations and experiments on the animalcula in pepper water <i>Sir Edmund King</i>	XVII 861	III 654
— The history of the generation of an insect by him called the Wolf; with observations on insects bred in rain water, in apples, cheese, &c. - - <i>Leeuwenhoek</i>	XVIII 194	— 685
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